

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



WPR21FA266

AIRWORTHINESS

Group Chair's Factual Report – Attachment 2

N3688P Maintenance Records

June 21, 2022

71 pages

N3688P, Serial Number LJ-915, Beechcraft C90							
PDF page	Date	Months Since Last	AFTT	Cycles	Flight Hours Since Last	Entry	Notes:Unless otherwise noted all work completed under the Falcon Executive Aviation or Falcon Aviation Services Certified Repair Station (CRS). They are a CRS and use a CRS for the wing structure NDT.
6	3/22/1990		4812.3			C/W AD 89-25-10 Amend 39-6409 on structural inspection using Beech SIRM, P/N 98-39006A4 Rev. 5-1-87. AD 89-25-10 next due 5812.3.	
8	4/17/1991	12	5895.7		1083.4	C/W AD Note 89-25-10 and Beechcraft SIRM P/N 98-39006A5 next due 6895.7	
10	4/14/1992	11	6910.6		1014.9	C/W AD note 89-25-10 per Beech SIRM 98-39006A5 dated 21 Sept 1990.	
12	2/10/1993	9	7802.1		891.5	Performed structural inspection on lower fwd wing spar in accordance with AD 89-25-10 Amend 6409 & SIRM P/N 98-39006A5 dated Sept 21, 1990 by performing eddy current, visual, and zyglo insp. Next inspection on wing spar is due @ 8802.1.	
15	2/8/1994	11	8905.4		1103.3	C/W structural insp. IAW AD Note 89-25-10 per Beech SIRM 98-39006A5 dated 21 Sep 90.	
17	2/15/1995	12	9816.6		911.2	C/W AD 89-25-10 per Beech SIRM for wing structural inspection and C/W 3 yr. wing bolt inspection.	
18	11/29/1995		10593.3			Performed annual inspection of L&R upper and lower O/B spar caps.	
20	2/14/1996		10739.4			Checked all upper wing bolt bath tub fittings.	
20	4/17/1996	14	10871.2		1054.6	C/W AD 89-25-10, wing structural inspection per para A&B, next due @ 11871.2 hrs., wing bolts due torque check next 150 hr. inspection.	
23	11/27/1996	11	11022.3			Performed 12 month inspection of wing spar caps.	
24	11/5/1997	11	11302.1			Complied with 12 month inspection of wing forward spar caps, no defects noted.	
25	9/11/1998	10	11725.6			Complied with annual wing spar cap corrosion inspection.	
26	12/4/1998	31	11843.2		972.0	Complied with AD 89-25-10 wing structural inspection IAW Beech SIRM. No problems noted. Replaced all wing attach bolts.	
27	5/5/2000	19	12186			Complied with annual corrosion check on wing spar caps.	
28	1/9/2001	8	12580.8	13939		Complied with with annual corrosion inspection on wing spar caps.	
29	9/20/2002	45	12877.9		1034.7	C/W wing upper & lower spar cap insp. C/W wing bolt insp. C/W wing insp. C/W AD 89-25-10 I/A/W Raytheon SIRM-Next due 13877.9 TTAF.	
30	11/4/2002		Hobbs 2873.3			I have inspected this aircraft and found it safe for a one time ferry flight from LYH to INT for the purpose of completion of AD 89-25-10.	
30	11/11/2002	UNK	12905.1		27.2	C/W 3 year/1000 hour wing spar and wing bolt inspection I/A/W King Air 90 series SIRM 57-13-01 Chart 201 items 1. thru 10. Replaced left and right lower forward bolts. Replaced all 8 screws on left and right side at Sta. BL 29.27 thru BL 32.19, P/N NAS1703-6R I/A/W SIRM 57-13-01 fig 205.	
30	11/11/2002	1	12905.1		27.2	C/W AD 89-25-10 by inspection I/A/W Beech SIRM 57-13-01 fper AD parag. (a).	
31	8/17/2005	55	13231.6			C/W visual upper and lower spar cap inspections i/a/w Beechcraft SRM.	
32	8/19/2005		13231.6			Performed a magnified visual and flourescent liquid penetrant inspection of the wing attach fitting flat surface, depresseions, counterbores and bolt holes per the SIRM chapter 57-13-01 chart 201 item 1. No cracks or defects noted at this time.	
34	7/17/2006	11	13437.9	13351	UNK	Complied with L/H and R/H wing front spar cap yearly inspection.	
35	1/31/2007	50	13706.6	13521	UNK	Complied with 3yr/1000 hr wing spar and wing bolt inspection SIRM 57-13-01 Chart 201 items 1 thru 10 NDT Testing performed by Canyon State Inspection CRS 13D554L WO# 27228516	
35	1/31/2007	50	13706.6	13521	801.5	Complied with AD 89-25-10 inspection of main spar, next due AFTT 14706.6	
36	5/26/2007	10	13796.3	13589	N/A	Complied with L/H and R/H wing front spar cap yearly inspection.	
37	6/5/2008	12	14125.9	13825	N/A	Complied with L/H and R/H wing front spar cap yearly inspection.	Hobbs replaced at AFTT 13947.3
37	6/5/2008		14125.9	13825		Completed field repair of cracks in lower wing box skins on right wing fore and aft positions IAW SIRM 57-00-01	Repair
38	6/18/2009	12	14279.5	13948	N/A	Complied with L/H and R/H wing 12 month spar cap inspection.	
40	11/9/2009		14339.4	14000		Repaired crack in right wing aft of forward bath tub fitting IAW Hawker Beech standard repair DWG NO SR-KA-00023 Rev 2	Repair

40	11/9/2009		14339.4	14000		Repaired small 1/4" crack in right wing leading edge skin P/N 100-110067-5 IAW DERT 605325-NM Engineering data on FAA Form 8110-3 dated 10/15/2009	Repair
40	11/9/2009		14339.4	14000		Repaired two small cracks found when right aft nacelle cover was removed. Repaired by doublers IAW Beech SRM, chapter 20-10-15	Repair
41	3/5/2010	37	14350	14014	643.4	Complied with 3yr/1000 hr wing spar and wing bolt inspection SIRM 57-13-01 Chart 201 items 1 thru 10 NDT Testing performed by Canyon State Inspection CRS 13D554L WO# AC10-369 and AC10-370	
41	3/5/2010	37	14350	14014	643.4	Complied with AD 89-25-10 inspection of wing main spar, next due AFTT 15350	
41	3/5/2010	8	14350	14014	N/A	Complied with yearly inspection of L/H and R/H wing forward spar cap	
42	4/7/2011	13	14456.4	14104	N/A	Complied with yearly inspection of L/H and R/H wing forward spar cap	
43	2/1/2012	9	14691.2	14277	N/A	Complied with yearly visual inspection of L/H and R/H wing upper and lower spar caps	
44	4/23/2013	37	15106.6	14497	756.6	Inspection Items accomplished: 1000 hr / 3 yr wing spar and wing bolt inspection SIRM 57-13-01 Chart 201 items 1 thru 10 NDT Testing performed by Canyon State Inspection CRS 13D554L WO# AC13-008	
44	4/23/2013	14	15106.6	14497	N/A	Inspection Items accomplished: yearly visual inspection of L/H and R/H wing upper and lower spar caps	
44	4/23/2013	37	15106.6	14497	756.6	Inspection Items accomplished: AD 89-25-10 inspection of wing main spar, next due AFTT 16106.6. Replaced the following wing bolts with new: L&R upper forward 81785-12-23, L&R upper aft and lower aft 81786-10-20	
45	1/30/2014	9	15299.2	14594	N/A	Inspection Items accomplished: yearly visual inspection of L/H and R/H wing forward upper and lower spar caps	
46	12/29/2014	10	15478.9	14671	N/A	Inspection Items accomplished: 12 month visual inspection of L/H and R/H wing forward upper and lower spar caps	
47	12/24/2015	11	15860.3	14818	N/A	Inspection Items accomplished: 12 month visual inspection of L/H and R/H wing forward upper and lower spar caps	
48	4/8/2016	35	15870.2	14827	763.6	Inspection Items accomplished: AD 89-25-10 inspection of wing main spar, next due AFTT 16870.2	
48	4/8/2016	35	15870.2		763.6	Inspection Items accomplished: 1000 hr / 3 yr wing spar bolt inspection IAW SIRM 57-13-01 Chart 201 items 1 thru 10 NDT Testing performed by Canyon State Inspection CRS 13D554L WO# AC16-284	
48	4/8/2016	3	15870.2		N/A	Inspection Items accomplished: yearly inspection of L/H and R/H wing forward, upper and lower spar cap. Left and right lower, forward wing bolt replacement.	
49	4/28/2017	12	16143.1	14949	N/A	Inspection Items accomplished: yearly inspection of L/H and R/H wing forward, upper and lower spar cap	
49	4/28/2017		16143.1			Fabricated and installed repair to cracks in left and right side of fuselage belly skin IAW SIRM 20-10-16 fig 201 and fig 202	Repair
50	12/15/2017	20	16507.5	15094	637.3	Inspection Items accomplished: AD 89-25-10 1000 wing main spar inspection and Beech SIRM 1000 hr / 3 yr wing structural inspection and yearly visual inspection of L/H and R/H wing forward, upper and lower spar cap. NDT performed by Canyon State Inspection CRS 13D554L, reference their field inspection report CSI Job # AC17-1228 dated 10/4/2017	
50	12/15/2017	20	16507.5		637.3	AD 89-25-10 1000 wing main spar inspection and Beech SIRM 1000 hr / 3 yr wing structural inspection and yearly visual inspection of L/H and R/H wing forward, upper and lower spar cap. NDT performed by Canyon State Inspection CRS 13D554L, reference their field inspection report CSI Job # AC17-1228 dated 10/4/2017	
50	12/15/2017	7	16507.5			AD 89-25-10 1000 wing main spar inspection and Beech SIRM 1000 hr / 3 yr wing structural inspection and yearly visual inspection of L/H and R/H wing forward, upper and lower spar cap. NDT performed by Canyon State Inspection CRS 13D554L, reference their field inspection report CSI Job # AC17-1228 dated 10/4/2017	
52	1/15/2019	13	16812.6	15228	N/A	Inspection Items accomplished: yearly visual inspection of L/H and R/H wing forward, upper and lower spar cap with no discrepancy found.	
53	2/24/2020	13	16891.5	15286	N/A	Inspection Items accomplished: 12 month visual inspection of Left and Right Wings, upper and lower forward spar caps with no defects found.	
54	2/24/2020	33	16891.5	15286		MSB 2279 Inspection of lower forward spar, found proper rivet spacing, no further action required.	Continued from previous page

58	5/12/2021	40	17213.7	15447	706.2	Inspection Items accomplished: 1000 hr / 3 yr inspection of wing structure and wing attach bolts and nuts IAW SIRM. NDT performed by Crosspoint Testing and Inspection Services LLC CRS: 5P7R462D	
58	5/12/2021	14	17213.7	15447	N/A	Inspection Items accomplished: Annual visual inspection of left and right outboard wing upper and lower main spar caps.	
59	5/12/2021		17213.7	15447		AD 20-25-01 Eff date 1/11/2021 Forward lower wing fitting fatigue, not applicable. Affected kits not installed.	Continued from previous page
59	5/24/2021	41	17213.7	15447	706.2	Repaired left wing lower spar cap hole at BL 29.27 in accordance with FAA Form 8110-3 James W. Callahan DERT-230219-CE, dated 14-May-2021 using Callahan Aircraft Services LLC Drawing No. CAS-TBT26. FAA Form 337 dated 5/24/2021 submitted. This completes AD 89-25-10 Eddy Current Hole Inspection. Ref CrossPoint Testing Field Inspection Report Job # 2102064 dated 5/24/2021.	New entry same ACTT different WO. Includes repair
<div>AD 89-25-10 Accomplishment</div> <div>SIRM 57-13-01, Index 9 Inspection</div> <div>SIRM 57-13-01 Inspection</div> <div>Other Inspection/Repair</div>							

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-29-89	46512			Installed Ni Cad battery S/N 91954 in aircraft [redacted] for Stevens Aviation Greer S.C. R/S VIBR368K
<p>12-13-89 N368BP Aircraft log Entry Hobbs 355.7 hr.</p> <p>Removed and reinstalled belly strobe light Assy after repair by Whelen Engineering. Function ok. o.k.</p> <p>[redacted]</p> <p>HAWTHORNE AVIATION CHARLESTON, S. C. REPAIR STATION # 3666</p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Date 3-22-90	T.T. 4812.3			HM. 534.8
This is to certify that a 150 HR 1ST INTERIM inspection has been accomplished in accordance with a Inspection Program under FAR 91.169 f4 and is approved for return to service				
Signature [redacted]				Stevens Aviation R/S VIBR368K Greer, S. C. 29651
<p>Performed a 150HR 1ST Interim Inspection using Beechcraft form PN 90-590024-15D as a guide. Lubricated A/C per lube chart. Weighed cabin fire extinguishers and checked pressure. Left prop QH by Atlanta. Propeller Service, Inc. and AD 93-08-01 CHW by replacing prop bolts. Replaced tail strobe light assy. S/N 10957. Replaced evap. filter. Cleaned lubed and checked and adjusted tension on nose gear shock retract chain. Inflated and checked all surface</p> <p>OVER →</p>				

DATE	RECORDING TACH. TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
1947				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
chain. Replaced at landing light bulb. Deep cycled nickel aircraft battery. C/W S/Z 069-133-135 wing trim tab for fuel pump. C/W S/I 0540-040 Port Z wing flap limit switches. C/W S/Z 0632-280 RT wing fuel valve for fuel surge. C/W AD note 87-22-07 per SIBZ 102 wing nose gear lower strut, found struts have small crack, struts are to be checked every 25 hrs per bench S/S 2102. Removed left flow port cleaned & set flow control needle Valve also cleaned & set forward Valve timing. Replaced filter also cleaned pneumatic. Checked landing gear operation both normal & emergency extension. Lubricated A/C. For details of other work see W.O.-1349 or file this station. Replaced Air Control Unit new S/N 1519A.				
				[Redacted]
				STEVENS AVIATION
				R/S VIBR368K
				Greer, S. C. 29651

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4-15-91	5895.7	NOTE:	PILOT	INSPECTED NOSE GEAR LOWER SWICK ABSORBER FOR CRACK
				3-7-91 T.T. 1492.4, 3-19-91 T.T. 1525.3, 3-26-91 T.T.
				1545.0, 4-2-91 T.T. 1566.0, 4-8-91 T.T. 1592.3 -END-
		Date	4-17-91 T.T.	5895.7
		This is to certify that a	150 NR	(PRIMARY EXTENDED)
		inspection has been accomplished		
		in accordance with a		Stevens Aviation
		Inspection Program under FAR		R/S VIBR368K
		91.409 f3 and is approved for	FOR	Greer, S. C. 29651
		return to service,		
		Signature	[Redacted]	
		PERFORMED A 150 HOUR (PRIMARY) EXTENDED INSPECTION USING BEECHCRAFT		
		?IN 90-590034-15D FORM AS A GUIDE - C/W 5 YEAR / 7500 HOUR INSPECTION		
		ON NOSE GEAR ASSEMBLY, REPLACED SCRAPER, GAP, SEALS AND "O" RINGS, SER-		
		VICED WITH HYD. FLUID AND NITROGEN - REPLACED NOSE GEAR LOWER AB-		
		SORBER ASSEMBLY USING KIT ?IN 101-8030-1 ?IN 767 FLIGHT MANUAL		
		REVISION, WEIGHT AND BALANCE COMPUTED SEE END OF ENTRY - REPLACE		

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				LEFT AND RIGHT BRAKE ASSEMBLIES ROTORS - REPLACED LEFT AND RIGHT MAIN TIRES - REPLACED BULB 4H CENTER FLOW. LIGHT AT CARD TABLE - CLEANED, ADJUSTED, REPLACED FILTERS R/H FLOW PACK - CHECK- ED CONDITION AND OPERATION OF ELIT. PERFORMED INTERNAL CHECK, RE- PLACED ELIT. BATTERY, BATTERY DUE DATE 3-93 #/N 90570 - REPLACED BOLTS IN NOSE GEAR DOOR LINKAGES - REPLACED BOLTS, BUSHINGS TURN- BUCKLES AND ROD END BEARINGS LEFT AND RIGHT MAIN LANDINGS GEAR DOORS AS REQUIRED - REPLACED 4H FUEL VENT HEATER - CHECK- ED CONDITION AND OPERATION OF DEICE BOOTS - ADJUSTED LANDING GEAR UP AND DOWN TRAVEL LIMITS - CLEANED, INSPECTED, LUB- RICATED AND CHECKED TENSION ON NOSE GEAR SHOCK CHAIN - REPLACED AIR/COND. EVAPORATOR FILTER - SERVICED OXYGEN SYSTEM - REPLACED NOSE TIRE BALANCED ASSEMBLY - C/W ANNUAL NOSE WHEEL INSPE- CTION - DEEP CYCLED AIRCRAFT BATTERY - C/W 1000 HOUR LANDING GEAR LUBRICATION, END PLAY AND CLEVIS CHECK LEFT MAIN .010, RIGHT MAIN .009, NOSE 1.006 - C/W ANNUAL CONTROL CABLE TENSION CHECK - C/W ANNUAL RUDDER PEDAL PIVOT BOLT HOLE INSPECTION - C/W A.D. NOTE 89-25-10 AND BEECHCRAFT STRUCTURAL INSPECTION AND

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				REPAIR MANUAL #N 98-39006A5 NEXT DUE 6895.7, INSPECTED ALL 8 WING ATTACH BOLTS, NUTS AND WASHERS REPLACED R/H LOWER FUP WING BOLT AND P.I.E WASHER. NOTE ALL WING ATTACH BOLTS TO BE TORQUE CHECKED AT 150 FLIGHT HOURS - C/W BEECHCRAFT #E 0691-133-135 REV1 BY INSPECTION OF TRIM TABS FOR FREE PLAY - C/W BEECHCRAFT #/E 0632-230 REV1 INSPECTION OF FUEL CELL AREAS FOR SEEPAGE - C/W BEECH- CRAFT #/E 0514-040 PART 1 BY INSPECTION OF FLAP LIMIT SWITCH RIGG- ING - C/W BEECHCRAFT #E 2365 INSPECTION/ADDITION OF A DRAIN HOLE IN THE RUDDER TAB - C/W A.D. NOTE 87-22-01 (#E 2102 REV3) BY INSPECTION OF NOSE GEAR LOWER SHOCK ABSORBER ASSEMBLY, NOTE: LOWER ABSORBER REPLACED WITH NEW TYPE #N 101-8030-1 #N 767 A.D. AND S/B N/A - C/W BEECHCRAFT COMMUNIQUE #11 BY INSPECTION OF WINDSHIELD SEAL - RE- PLACED BOLTS, BUSHINGS AS NEEDED NOSE GEAR STEERING 4H NOSE WHEEL WELL - CHECKED ALL LIGHTS INTERIOR AND EXTERIOR - CLEANED, INSPECTED AND REPACKED ALL LANDINGS GEAR WHEEL BEARINGS - LUBRICATED AIRCRAFT PER LUBRICATION CHART - CLEANED LIP AND SEATS ON PRESSURIZATION OUTFLOW AND SAFETY VALVES - WEIGHT AND PRESSURE CHECKED CABIN AND COCKPIT FIRE

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				EXTINGUISHERS - CLEANED AND LUBRICATED CABIN DOOR SEAL - INSPEC- TED AND CLEANED AFT FUSELAGE DRAIN TRUST - PERFORMED OPERATIONAL CHECK OF LANDINGS GEAR BOTH NORMAL AND EMERGENCY SYSTEMS - FOR OTHER WORK ACCOMPLISHED SEE W.O. # 1528 ON FILE THIS STATION - END -
				STEVENS AVIATION R/S VIBR368K Greer, S. C. 29651
5-16-91			6589.0	Replaced Ventilblower S/N on 289 for Stevens Aviation R/S VIBR368K Greer, S.C.
5-21-91	NR 1740.5		66018.0	REPLACED CABIN DOOR SEAL SCUMMOID INSTALLED #10900-498-60 FOR STEVENS AVIATION R/S VIBR368K Greer, S. C. 29651

DATE 1991	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Date 6-5-91			T.T. 6651.0	NR 1779.5
				This is to certify that a 150 hr kt interim inspection has been accomplished in accordance with a Inspection Program under FAR 91.409 f3 and is approved for return to service.
Signature				Stevens Aviation R/S VIBR368K Greer, S. C. 29651

Performed a 150 hr 1st interim inspection using
Beech form P/N 90-590024-150 as a guide. Replaced left
fuel shut-off valve w/ S/N 1246. Replaced rt stroke light
assembly w/ S/N 8070. Checked E.I.T. for internal condition
& operation. Both due March 93. Checked disc brake
for condition & operation. Cleaned, inspect, lubed & checked
tension on nose gear short chain. C/W S/I 0691-133-13591
inspect thru for free play. C/W S/I 0632-280 R2 inspected

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Date	4-14-92	T.T.	6:20	1st m. 154.9
This is to certify that a 150 hr 3rd inspection				
inspection has been accomplished				
in accordance with a				
Inspection Program under FAR				
91.409 (3) and is approved for				
return to service				
Signature				Stevens Aviation R/S VIBR368K Greer, S. C. 29651

Performed a 150 hr 3rd inspection inspection: using Section 91-590624-150 as a guide. Replaced temp controller on 5/13/94. Readjusted cabin door step cable tension. Checked E.T.T. for internal condition & operation battery due 3-93. Checked door battery for condition & operation. Cleaned, oiled, lubed & checked tension on nose gear strut chain. Pitched several holes in door hinge bolts. Checked & serviced air/cond as needed. Replaced left elevator fuel pump and B.E.B.S. C/W An note 89-25-10 per Beech

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Structural wing manual 98-39006A5 dated 21 Sept 1990. Also				
cleaned & inspected all eight wing bolts. Replaced				
left lower bolt. Bolts to be retorqued next 150				
hr wing 7060.6. C/W 7000 lube & end play check on all three				
landing gear actuators, nose .008 2/H main .012 8/H main .010.				
Replaced dirty air/condition evaporator filter. Reep				
cycled recirc battery. Replaced in rivets in cabin door				
hinge. C/W 5/1 0632-280 RT wing fuel cells for fuel seepage.				
C/W 5/1 0691-133-735 RT wing trim tabs for free play. C/W 5/1				
0514-040 Part I wing flap switch wiring. C/W 5/1 0514-035 RT				
wing spar caps for corrosion. C/W Comm # 11 wing windshield				
seal. C/W 5/1 2213 RT wing seat tracks. Lubricated H/C				
checked landing gear operation both normal & emergency operation.				
For details of other work accomplished see W.O. 3185 on file				
this station. End				
				STEVENS AVIATION
				R/S VIBR368K
				Greer, S. C. 29651

DATE RECORDING TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

Fill in all applicable information

To be inserted in:

- ☒ Airframe log
☐ Engine log
☐ Avionics log

Stevens Aviation

APT.

LOC. Greer

R/S# VIBR 368K

Aircraft Type Beech 90

Aircraft Serial No. LT-915

Aircraft Registration ("N") No. 3688P

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING
12-17-92			HM 864.6	Replaced strobe light Power supply. 5N/ov 6315 5N/off 4702

For
STEVENS AVIATION
R/S VIBR368K
Greer, S. C. 29651

SA-0055

DATE RECORDING TACH TIME TODAY'S FLIGHT TOTAL TIME IN SERVICE DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

On 2-10-93 HM 1046.4 T-T 7802.1

I Certify that this AIRCRAFT Has Been Inspected

In Accordance With A Continuous Inspection Program Required By

FAR 91.409(F) 2 And 150 HR 1ST INTERIM

Was Accomplished And The Aircraft Is Approved For Return To

Service. Pertinent Details Are On File At This Agency Under

Work Order No. 4699

Signed [Signature] Title

FOR

STEVENS AVIATION

R/S VIBR368K

GREER, S.C. 29651

Performed a 150 HR 1st Interim Inspection using Beech form PN101-590024-15D as a guide. Lubricated A/C per lub chart. Cleaned, checked, and repacked all H/C wheel bearings. Weighed and checked pressure in portable fire extinguishers. Cleaned and checked aft fuselage drains. Cleaned check valve (vents) on top of R/H nacelle. Replaced nose gear short retract chain and idler sprockets (4) and lubed and checked, and adjusted tension. Performed 1/2 check in normal and emergency modes and was satisfactory. Replaced both

OVER →

DATE	RECORDING EACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING, AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1923				
2-10	1046.4		7302.1	Main tires & rings. Inflated and checked all surface dices, boots and patched holes in 4/H. Cleaned battery connectors. Replaced 4/H I/B leading edge fuel transmitters and checked operation and was satisfactory. Replaced R/H fuel transfer pump S/N ON 9K233, S/N OFF 924314 and operational check was satisfactory. Checked air cond. motor brushes and were satisfactory. Performed structural inspection on lower fuel wing spar in accordance with AD 89-25-10 AMEND 1408 & S.R.I.M. PN 93-39 006A5 dated Sept. 21, 1990 by performing 100% current, visual and zapalo insp. Replaced L/R lower fuel PLE washers and checked all wing attach belts & fittings. Next inspection on wing spar is due @ 8302.1 and wing bolt due torque check at next 150 hr. insp. @ 7952.1 hrs. Replaced EAT battery and checked for manual internal corrosion operation and battery due 9-94. Replaced exp. filter Replaced door seal on aft fuselage. For more details see WO# 4699 on file this station.

Stevens Aviation
R/S VIBR368K
Greer, S. C. 29651

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1 24-93	10946			INSTALLED TORQUE TRANSMITTER LT position [redacted] UERC368K
Date 4-1-93	H.M. 1177.4		T.T. 7953.4	
I Certify That This AIRCRAFT [redacted] Seen Inspected In Accordance With A Continuous Inspection Program Required By FAR 91.409(F)(3) And 150 HOUR 2ND INTERIM Was Accomplished And The Aircraft Is Approved For Return To Service. Pertinent Details Are On File At This Agency Under Work Order # 4951 Signed [redacted] Title CROW FOREMAN				
FOR STEVENS AVIATION R/S VIBR368K GREER, S.C. 29651				
Performed a 150 hour 2nd Interim inspection using Bush form PN 101-590024-15D as a guide. Lubricated aircraft per lub chart. Checked, inspected and repaired all landing gear wheel bearings. Inspected annual weight & pressure check of cockpit and cabin fire extinguisher. Checked tip -				

WILL. A. G. ZWILL

DATE	TOTAL TIME IN SERVICE	MANUFACTURER'S MANDATORY SERVICE BULLETINS CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
4-17-91	T.T. 5895.7 H.M. 1618.2	89-25-10 % STRUCTURAL INSP. USING BOUGH 98-39064.5 MANUAL FOR 1/2 VIBR368K
4-17-91	T.T. 5895.7 H.M. 1618.2	0611-133-135 Rev 1 INSP. TRIM TABS FOR FEE PLAY - FOR 1/2 VIBR368K
4-17-91	T.T. 5895.7 H.M. 1618.2	0632-280 Rev 1 INSP. FOR FUEL SOOPAGE - FOR 1/2 VIBR368K
4-17-91	T.T. 5895.7 H.M. 1618.2	0514-010 Part 1 INSP. FLAP LIMIT SWITCH RCKING - FOR 1/2 VIBR368K
4-17-91	T.T. 5895.7 H.M. 1618.2	2365 ADDITION/INSPECTION OF DRAIN HOLE IN RIDDER TIE - FOR 1/2 VIBR368K
4-17-91	T.T. 5895.7 H.M. 1618.2	99-22-01 (162102 R3) INSP. NOSE GEAR INTO N/A SINK ROSSCOCK RECHARGE BATTERY - FOR 1/2 VIBR368K
4-17-91	T.T. 5895.7 H.M. 1618.2	COMMUNIQUE #11 INSP. WINDSHIELD SEAL - FOR 1/2 VIBR368K
6-5-91	T.T. 6031.0 H.M. 1773.5	CLW 5/2 0671-133-135K1 wing trim tabs Recur 6201.0 FOR 1/2 VIBR368K
6-5-91	T.T. 6031.0 H.M. 1773.5	CLW 5/2 0632-280 RT wing fuel cells Recur 6201.0 FOR 1/2 VIBR368K
6-5-91	T.T. 6031.0 H.M. 1773.5	CLW 5/2 0514-040 Part 1 wing flap control Recur 6201.0 FOR 1/2 VIBR368K
6-5-91	T.T. 6031.0 H.M. 1773.5	CLW 5/2 0514-040 Part 1 wing flap control Recur 6201.0 FOR 1/2 VIBR368K
7-16-91	T.T. 6176.5 H.M. 1859.9	CLW 5/2 0632-280 RT wing fuel cells Recur 6321.5 FOR 1/2 VIBR368K
7-16-91	T.T. 6176.5 H.M. 1859.9	CLW 5/2 0671-133-135K2 wing trim tabs Recur 6321.5 FOR 1/2 VIBR368K
7-16-91	T.T. 6176.5 H.M. 1859.9	CLW 5/2 0514-040 Part 1 wing flap control Recur 6321.5 FOR 1/2 VIBR368K
7-16-91	T.T. 6176.5 H.M. 1859.9	CLW COMMUNIQUE #11 wing windshield seal Recur 6321.5 FOR 1/2 VIBR368K
7-16-91	T.T. 6176.5 H.M. 1859.9	CLW AD NOTE 83-08-01 RT Torqued H/R Props Recur 6321.5 FOR 1/2 VIBR368K
9-12-91	T.T. 6331.2 H.M. 2054.2	CLW 5/2 0632-280 R2 wing fuel cells Recur 6481.7 FOR 1/2 VIBR368K
7-12-91	T.T. 6331.2 H.M. 2054.2	CLW 5/2 0671-133-135 RT wing trim tabs Recur 6481.7 FOR 1/2 VIBR368K

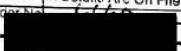
DATE	TOTAL TIME IN SERVICE	EQUIPMENT ADDITION, REMOVAL OR EXCHANGE ITEM - MFG NAME - MODEL - SERIAL	
7-12-91	T.T. 6331.2 H.M. 2054.2	CLW 5/2 0514-040 wing flap control Recur 6321.5	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
7-12-91	T.T. 6331.2 H.M. 2054.2	CLW COMM #11 wing windshield seal Recur 6321.5	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
11-6-91	T.T. 6483.5 H.M. 2301.0	CLW 5/2 0671-133-135 R.I. INSPECTED TRIM TABS FOR PLAY, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
11-6-91	T.T. 6483.5 H.M. 2301.0	CLW 5/2 0632-280 R.I. INSPECTED FUEL CELL FOR LEAKS, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
11-6-91	T.T. 6483.5 H.M. 2301.0	CLW 5/2 0514-040 PART 1 INSPECTED FLAP LIMIT SWITCHES, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
11-6-91	T.T. 6483.5 H.M. 2301.0	CLW COMMUNIQUE #11, INSPECTED WINDSHIELD SEALER, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
1-14-92	T.T. 6639.8 H.M. 2362.3	CLW 5/2 0671-133-135 R.I. INSPECTED FUEL CELL FOR LEAKS, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
1-14-92	T.T. 6639.8 H.M. 2362.3	CLW 5/2 0632-280 R.I. INSPECTED FUEL CELL FOR LEAKS, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
1-14-92	T.T. 6639.8 H.M. 2362.3	CLW 5/2 0514-040 PART 1 INSPECTED FLAP LIMIT SWITCHES, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment
1-14-92	T.T. 6639.8 H.M. 2362.3	CLW COMM. #11, INSPECTED WINDSHIELD SEALER, NEXT INSP. Recur.	<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Exchanged for Optional Equipment

MEMORANDA

19- 3-3-9 11-20-92 11-20-92 3-3-9 3-3-9 3-3-9 3-3-9 4-14-9 4-14-9 4-14-9 4-14-9 5-2-9 6-2-9
 T.F. 7948.4
 4-23-92 H.M. 596.3 C/W AD. 92-07-05 PAR 518 2365 R.I., [REDACTED] for R/S VIBR 36PK
 T.F. 7948.4
 10-20-92 H.M. 673.7 C/W AD. 83-08-0181 TOR. DE LEFT ADJ. B.L.T. [REDACTED] VIBR 36PK
 T.F. 7948.4
 11-20-92 H.M. 776.2 C/W S/I 0632-280 R.I. Fuel cell insp Recur 7678.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 11-20-92 H.M. 776.2 C/W S/I 0540-040 Part I Flap Switch insp Recur 7678.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 11-20-92 H.M. 776.2 C/W S/I 2213 R.I. Seat Track Insp Recur 7678.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 11-20-92 H.M. 776.2 C/W S/I 0514-035 R.I. Spar Caps insp Recur 7678.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 11-20-92 H.M. 776.2 C/W S/I 0691-133 R.I. Trim Tabs insp Recur 7678.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 12-30-92 H.M. 896.8 C/W S/I 0632-280 R.I. Fuel Cell Inspection, Recur AT 7798.7 [REDACTED] VIBR 36PK
 T.F. 7948.4
 12-30-92 H.M. 896.8 C/W S/I 0514-040 Part I, Flap Switch Rigging, Recur AT 7798.7 [REDACTED] VIBR 36PK
 T.F. 7948.4
 12-30-92 H.M. 896.8 C/W S/I 0514-035 R.I. Spar Cap Inspection, Recur 12-30-93, [REDACTED] VIBR 36PK
 T.F. 7948.4
 12-30-92 H.M. 896.8 C/W S/I 2213 R.I. Seat Track Inspection, Recur AT 7798.7 [REDACTED] VIBR 36PK
 T.F. 7948.4
 12-30-92 H.M. 896.8 C/W COMMUNIQUE #11, Windshield Inspection, Recur AT 7798.7 [REDACTED] VIBR 36PK
 T.F. 7948.4
 12-30-92 H.M. 896.8 C/W S/I 0691-133-135 R.I. Trim Tabs Inspection, Recur AT 7798.7 [REDACTED] VIBR 36PK
 T.F. 7948.4
 2-10-93 H.M. 1046.4 C/W S/I 0632-280 R.I. Fuel Cell Inspection, Recur AT 7952.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 2-10-93 H.M. 1046.4 C/W S/I 0514-040 Part I, Flap Switch Rigging, Recur AT 7952.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 2-10-93 H.M. 1046.4 C/W S/I 2213 R.I. Seat Track Insp. Recur AT 7952.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 2-10-93 H.M. 1046.4 C/W S/I 0691-133-135 R.I. Trim Tabs Insp, Recur AT 7952.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 2-10-93 H.M. 1046.4 C/W S/I COMMUNIQUE #11, Windshield Insp, Recur AT 7952.1 [REDACTED] VIBR 36PK
 T.F. 7948.4
 2-10-93 H.M. 1046.4 C/W AD 89-2-5-10 Structural Insp. Recur AT 8802.1 [REDACTED] VIBR 36PK

T.F. 7953.4
 4-1-93 H.M. 1197.4 C/W S/I 0632-280 R.I. Fuel Cell Insp, Recur @ 8103.4 HRS [REDACTED] R/S VIBR 36PK
 T.F. 7953.4
 4-1-93 H.M. 1197.4 C/W S/I 0514-040 Part I, Flap Switch Rigging, Recur @ 8103.4 HRS [REDACTED] R/S VIBR 36PK
 T.F. 7953.4
 4-1-93 H.M. 1197.4 C/W S/I 2213 R.I. Seat Track Insp, Recur @ 8103.4 HRS [REDACTED] R/S VIBR 36PK
 T.F. 7953.4
 4-1-93 H.M. 1197.4 C/W S/I 0691-133-135 R.I. Trim Tabs Insp, Recur @ 8103.4 HRS [REDACTED] R/S VIBR 36PK
 T.F. 7953.4
 4-1-93 H.M. 1197.4 C/W COMMUNIQUE #11, Windshield Insp, Recur @ 8103.4 HRS [REDACTED] R/S VIBR 36PK
 T.F. 7953.4
 4-1-93 H.M. 1197.4 A.D. 92-27-10 C/W PER BECH 518 2444 C-2-92 1 TIME, [REDACTED] R/S VIBR 36PK
 T.F. 8108.8
 5-17-93 H.M. 1352.8 C/W S/I 0632-280 R.I. Fuel Cell Insp, Recur @ 8268.8 HRS [REDACTED] R/S VIBR 36PK
 T.F. 8108.8
 5-17-93 H.M. 1352.8 C/W S/I 0514-040 Part I, Inspected Flap Rigging, Recur @ 8268.8 HRS [REDACTED] R/S VIBR 36PK
 T.F. 8108.8
 5-17-93 H.M. 1352.8 C/W S/I 2213 R.I. Seat Track Insp, Recur @ 8268.8 HRS [REDACTED] R/S VIBR 36PK
 T.F. 8108.8
 5-17-93 H.M. 1352.8 C/W S/I 0691-133-135 R.I. Trim Tabs Insp, Recur @ 8268.8 HRS [REDACTED] R/S VIBR 36PK
 T.F. 8108.8
 5-17-93 H.M. 1352.8 C/W COMMUNIQUE #11, Windshield Insp, Recur @ 8268.8 HRS [REDACTED] R/S VIBR 36PK
 T.F. 8108.8
 5-17-93 H.M. 1352.8 C/W PER BECH 518 2444 C-2-92 1 TIME, [REDACTED] R/S VIBR 36PK

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
Date <u>2-2-94</u> H.M. <u>2149.5</u> T.T. <u>8905.4</u>		
I Certify That This <u>AIRCRAFT</u> Has Been Inspected		
In Accordance With A Continuous Inspection Program Required By		
FAR 91.409 (b) and <u>150 HR Extended Primary</u>		
Work Order No. <u>150</u> And The Aircraft Is Approved For Return To		
Service. Pertinent Details Are On File At This Agency Under		
Signed		Title
FOR STEVENS AVIATION R/S VIBR368K GREER, S.C. 29651		
Per Formed 150 HR Extended Primary Inspection using		
Beech Form PN161-590024-15D AS A Guide. C/w Structural Insp.		
Taw AD Note 89-25-10 Per Beech SIRM 98-39006A5 DATED		
21 Sep 90. ALSO, CLEANED & INSPECTED ALL wing attach		
Bolts. Retorque Bolts At next 150 HR Insp. @ TT 9055.4.		
Lubricated ACFT. Per Lube chart, cleaned, Insp & Repacked		
ALL Landing Gear wheel Bearings. Weighed & CK'd Pressure		
IN Portable Fire Extinguishers Hydro date cabin 1989 C/P 1989.		

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7/		
Checked Deice Boots For cond. & operation. Inspected & cleaned		
AFT FUSELAGE DRAIN HOLES. Lubed & CK'd Tension of nose Gear		
Retract chain. C/w S/I 0632-220 R1 Insp. Fuel cell areas for LKS		
C/w Beech S/I 0540 R1 Insp Flap Limit Sws Rigging. C/w S/B 2213		
Insp. seat Tracks for wear. C/w S/I 0691-133-135 R1 Insp		
Control Surface Trim Tabs for excessive wear. C/w Beech		
communique #11 Insp. windshield weather seals. CK'd FLT # for		
Internal cond. & oper. BATT Due Aug 94. AD Note 93-17-01		
C/w Per Beech S/B 2475 (5-17-93) Performed Landing Gear		
operational CK both normal & Emer. Extensions. Inspected		
& cleaned AFT FUSELAGE DRAIN HOLES. Deep Cycled NI CAN		
AIRCRAFT BATTERY. Replaced Pilots TUST with OHT unit		
Ser # W2924A. Replaced nose & Both main Tires. C/w S/I		
0540-040 PART 1 Insp Flap Sw Rigging. C/w S/I 0691-133-135 R1		
Insp Trim Tabs for wear. C/w the following 600 HR Insp Items:		
Flapper valve CK, Electrical wiring & Equip CK, Static wick		
CK, windshield Anti static coating & TAB CK, Flow cont.		
unit Sol. valve filter CK, Elect Heater CK, n7		

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT-TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Exit Flow & Safety Valve CK, Pressurization Controller Filter CK Torque CK on windshield screws, Insp ALL side windows & Hinged Access Door CK (13 & 14). C/W 300 HR CK ON, RAM AIR Inlet Door & Seal, Brake Reservoir vent ORIFICE & PLENUM chamber DRAIN. C/W 1200 CK ON Edge Lighted Panels, C/W 200 HR CK ON ELEVATOR SPAR. C/W 2500 HR CK ON FUEL QUANTITY Transmitters. C/W 1050 HR CK ON Drag Leg ELIPTICAL HOLE, C/W End Play CK ON LANDING GEAR ACTS nose, 010, R main, 014 & Lt main, 005. CK Rt MAIN Act next 150 HR Insp. C/W Insp of Pilot & CP wind shield weather SEALS. Insp Safety Valve Filter. C/W ANNUAL Corrosion CK ON Front SPAR CAP. FOR DETAILS See w/p 6660 ON FILE THIS STATION</p> <p align="right">FOR STEVENS AVIATION R/S VIBR368K Greer, S. C. 29651</p>

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Date <u>3-23-94</u> <u>2297.3</u> T.T. <u>9053.2</u></p> <p>Certify That This <u>AIRCRAFT</u> Has Been Inspected in Accordance with Continuous Inspection Program Required By FAR 91.409 (F) <u>2nd</u> <u>A 150 HR 1ST INTERIM</u> Was Accomplished And the Aircraft Is Approved For Return To Service. Pertinent Details Are On File At This Agency Under Work Order No. <u>6895</u> Signed <u>[Signature]</u> Title <u>INSPECTOR</u></p> <p align="right">FOR STEVENS AVIATION R/S VIBR368K GREER, S.C. 29651</p> <p>PERFORMED A 150 HOUR 1ST INTERIM INSPECTION USING A BEECH CRAFT INSPECTION GUIDE, Lubricated AIRCRAFT per LUBE CHART, CHECKED OPERATION OF EXTERIOR AND INTERIOR LIGHTS, CHECKED PITOT HEAT STALL WARNING AND FUEL NEEDLE VENTS FOR OPERATION AND OBSTAC- TIONS DEEP CYCLED A/C BATTERY, CLEANED INSPECTED AND REPAIRED ALL LANDING GEAR WHEEL BEARINGS, REPLACED AIR CONDITIONER RECEIVER D RYER, VACUUMED SYSTEM AND SERVICED WITH FREON, WEIGHED AND CHECKED PRESSURE IN PORTABLE FIRE EXTINGUISHERS HYDRO DATE CABIN 1989, C/P 1989, DRAINED STATIC AND PITOT SYSTEM, PER</p>

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-21-94	9671.9	LANDING GEAR CHECK & WAS SATISFACTORY.
- CONTINUED -		ALL OPERATIONAL & LEAK CHECKS PERTINENT TO THIS INSPECTION WAS PERFORMED.
		The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service.
		Work Order No. 8605
		Signed [REDACTED]
		FOR STEVENS AVIATION R/S VIBR368K GREER, SC 29651

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
STEVENS AVIATION	N3688P	Beech C-90 LJ-915 ACTT 9819.6 HM3063.7
February 15, 1995		1. C/W FAR 91.207 para. (d) on emergency locator transmitter and batt. due date is April 1996.
		2. C/W AD 89-25-10 per Beech S.I.R.M. for wing structural inspection and C/W 3yr. wing bolt inspection.
		3. Checked surface deicer boots for condition and operation and operational check normal, cond. good.
		4. Performed 600hr. aileron inspection.
		5. C/W 600hr. inspection of dual bus and fuel panel feeder diodes.
		6. C/W 600hr. inspection of air/cond. motor brushes and brushes 1/2 worn. Installed motor hour meter and wired. Reinstalled air/cond. motor and compressor and adjusting mount. Secured loose fitting at condenser.
		7. C/W SV 0632-280 R1 by inspecting for fuel cell seepage.
		8. Performed normal and emergency check of landing gear system.
		9. Deep cycled aircraft battery.
		10. Troubleshoot firewall valve circuit and swapped annunciator fault detect cards. Operational checked fuel pressure light circuit and operational check was satisfactory. C/W 1050 HR ON 1/2 PWS.
I CERTIFY THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A CONTINUOUS INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND A 150hr ² And Interim INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 8926.		
SIGNED [REDACTED]		
FOR STEVENS AVIATION, Greer, SC 29651 CRS VIBR368K		

INSPECTION RECORD
F.A.R. 43.11-91.409

TEVENS AVIATION

September 26, 1995

N3688P

S/N LJ-915

ACTT 10442.4

HM 410.6

CONTINUATION FROM PREVIOUS PAGE.

17. Replaced LH heated fuel vent.
18. Removed panels and checked upper wing bolt fitting drain holes.
19. Replaced teflon washer on LH O/B flap aft I/B rollers.
20. Deep cycled aircraft NiCad battery.
21. IRAN RH starter generator disassembled, cleaned and inspected all re-usable parts, replaced undersized armature, re-assembled using new brushes and bearings, ran on test stand, ops checked satisfactory.
22. Removed right wing I/B fuel cell S/N W1633, installed new fuel cell S/N 95-40117, removed RH wing aft O/B fuel cell S/N W1633, installed new fuel cell S/N 95-46091, filled tanks with fuel, leak checked satisfactory.

I CERTIFY THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A CONTINUOUS INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND A 150hr 2nd Interim INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 0150.

SIGNED

FOR

0651, CRS VIBR368K

SA-0505

INSPECTION RECORD
F.A.R. 43.11-91.409

STEVENS AVIATION

November 29, 1995

N3688P

S/N LJ-915

ACTT 10593.3

HM 501.9 36
561.9

All maintenance listed below was accomplished in accordance with the Beech C90 Maintenance Manual as applicable.

1. Performed 600 hr. inspection of windshield weather seals.
2. Performed 300 hr. inspection on ram air door seal.
3. Replaced main instrument air filter.
4. Performed annual inspection of L&R upper and lower O/B wing spar caps.
5. Performed 150 hr. inspection of aft body strakes per Raisbeck manual.
6. Replaced three instrument panel bulbs.
7. Inspected E.T. per FAR 91.207 (d), battery due date April 96.
8. Repaired ground on right vent heat.
9. Replaced right recognition light socket and bulb.
10. Installed bolt, bushings and actuator attach bolt in nose gear drag leg at center pivot.
11. Replaced I/B bonding wire LH I/B flap.
12. Lubed pilot's seat up and down adjustments.
13. Replaced right transfer pump sump drain.
14. Replaced left nacelle probe, P/N 100-380006-185, S/N 0489.
15. Performed operational check on landing gear normal and emergency extensions
16. Replaced all bulbs on fuel panel.

CRS VIBR368K

CONTINUED ON NEXT PAGE.

SA-0505

INSPECTION RECORD
F.A.R. 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 10593.3

HM 501.9
361.9

November 29, 1995

CONTINUATION FROM PREVIOUS PAGE.

17. Deep cycled aircraft NiCad battery and re-installed.
18. Tightened post light and replaced bulb on pilot DME selector.
19. Lubricated cabin door lock.
20. Removed left starter-generator, resurfaced armature, cleaned reusable parts, replaced brushes, bearing seated new brushes bench tested satisfactory.
21. Inspected, weighed and checked pressure on cabin and cockpit fire bottles, hydrostatic dates Dec. 89 on both bottles.
22. Lubricated aircraft per lubrication chart.
23. Cleaned, inspected and re-packed all landing gear wheel bearings.

I CERTIFY THIS *Aircraft* HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND A *150hr 3rd Interim* INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 0470.

SIGNED

FOR

9651, CRS VIBR368K

SA-0505

INSPECTION RECORD
F A R 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 10739.4

HM 708.0

February 14, 1996

All maintenance listed below was accomplished in accordance with the Beech C90 Maintenance Manual as applicable.

1. Replaced right fuel quantity indicator P/N 100-380006-47, S/N 4956M, performed wet calibration.
2. Checked LH firewall valve, checked within limits.
3. Performed 600 hr. inspection on windshield anti-static coating.
4. Performed 600 hr. torque on windshield screws.
5. Performed 600 hr. inspection of cabin window frames.
6. Performed 600 hr. functional check of outflow & safety valves.
7. Performed 600 hr. inspection of flow control pack.
8. Performed 600 hr. inspection of pressurization control filter.
9. Performed 600 hr. inspection on electric heater.
10. Performed 600 hr. inspection on electrical wiring and equipment.
11. Replaced A/C evaporator filters per 300 hr. requirement.
12. Performed 600 hr. safety valve filter cleaning.
13. Performed 600 hr. flapper valve check.
14. Performed 600 hr. inspection of hinged fuel panels.
15. Cleaned, lubed, checked tension, inspected L/G short retract chain.
16. Performed 600 hr. brake reservoir orifice cleaning.
17. Inspected ELT per FAR 91.207(d), battery due date Apr. 96.

CRS VIBR368K

CONTINUED ON NEXT PAGE.

SA-0505

D STEVENS AVIATION

February 14, 1996

N3688P

S/N LJ-915

ACTT 10739.4

HM 708.0

CONTINUATION FROM PREVIOUS PAGE.

18. Inflated and checked all surface dicer boots, operational check satisfactory.
19. Replaced L&R fuel vents.
20. Deep cycled aircraft NiCad battery, re-installed.
21. Replaced LH fuel cap lanyard clip.
22. Installed rivet on cabin door.
23. Checked all upper wing bolt bath tub fittings.
24. Serviced all 3 struts with nitrogen to proper level.
25. Removed cabin door snubber, disassembled, cleaned, inspected and replaced "o" rings, re-installed snubber.
26. Cleaned, inspected and re-packed all landing gear wheel bearings.
27. Lubricated aircraft per lubrication chart.
28. *Performed 150 hour inspection of aft body strakes per Raytheon Maintenance Manual.*

I CERTIFY THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND A 150hr Primary Extended INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 0857.

SIGNED _____

FOR STEVENS AVIATION, GREER, SC 29651, CRS VIBR368K

STEVENS AVIATION

April 17, 1996

N3688P

S/N LJ-915

ACTT 10871.2

HM 839.8

All maintenance listed below was accomplished in accordance with the Beech 90m Maintenance Manual as applicable.

1. Replaced L&R main tires and serviced to correct PSI.
2. Soldered wires on right fuel crossfeed circuit.
3. Replaced bulb in left fuel quantity indicator.
4. Cleaned left center tank sump drain.
5. Replaced corroded connectors on taxi light.
6. C/W SI 0632-280 R1, inspected fuel cells for seepage.
7. Inspected ELT per FAR 91.207(d), replaced battery, battery due date Apr. 97.
8. Performed annual inspection on nose wheel.
9. Performed 1050 hr. inspection on power lever pirs.
10. Performed 300 hr. ram air door seal inspection.
11. Performed 600 hr. check on static wicks.
12. Performed annual inspection on rudder pedals.
13. C/W 5 year inspection on nose gear strut, axle, drag leg and torque link.
14. C/W AD 89-25-10, wing structural inspection per para A&B, next due @ 11871.2 hrs., wing bolts due torque check next 150 hr. inspection.
15. Performed 150 hr. inspection of aft body strakes.
16. Replaced bulb in aft baggage light.

CRS VIBR368K _____

CONTINUED ON NEXT PAGE.

INSPECTION RECORD

F A R 43.11-91.409

D STEVENSAVIATION

N3688P

S/N LJ-915

ACTT 10871.2

HM 839.8

April 17, 1996

CONTINUATION FROM PREVIOUS PAGE.

17. Replaced bulb in right engine temp gauge post light.
18. Deep cycled aircraft NiCad battery, reinstalled into aircraft.
19. Replaced flash tubes in L&R wing strobe lights.
20. Reinstalled customer original right fuel quantity indicator and removed loaner, P/N 100-38006-47, S/N 5045M.
21. Replaced nacelle probe in right fuel quantity, performed wet fuel calibration, ops checked satisfactory.
22. Replaced right upper aft wing bolt cover with new one.
23. Operational checked landing gear both normal and emergency extension.
24. Patched holes in wing de-ice boots.
25. Cleaned, inspected and repacked all landing gear wheel bearings.
26. Lubricated aircraft per lubrication chart.
27. Inspected, weighed and checked pressure in cabin fire bottle, hydrostatic date 1989.

I CERTIFY THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND A 150hr First Interim INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 1198.

SIGNED

FOR STEVENS AVIATION, GREER, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD

F.A.R. 43.11-91.409

STEVENSAVIATION

N3688P

S/N LJ-915

ACTT 10894.6

HM 863.3

June 11, 1996

All maintenance listed below was accomplished in accordance with the Beech 90 Maintenance Manual as applicable.

1. Left engine, PT6A-21, S/N PCE 24806 and right engine S/N PCE 24813, placed on a condition engine maintenance program in accordance with "Maintenance On Reliable Engines" (M.O.R.E.) program for PT6A-21 engines, this work included an initial entry inspection performed this date and will include future repetitive inspections in accordance with the MORE Program.
2. Left propeller P/N HC-D4N-3C, S/N FY 902 and right propeller P/N HC-D4N-3C, S/N FY 904 removed for overhaul. Installed overhauled left propeller P/N HC-D4N-3C, S/N FY 775, TSN 1806.0 hrs., TSO 0.0 hrs., Hartzell SB 199A C/W, installed overhauled right propeller P/N HC-D4N-3C, S/N FY 774, TSN 1806.0 hrs., TSO 0.0 hrs., Hartzell SB 199A C/W, both propellers installed using new "o" ring seals and mounting bolts, torqued per AD 83-08-01 R1, ground run, rigged as required, leak and ops checked satisfactory, Dynamic balanced to less than .10 IPS at 1900 RPM.
3. Replaced all 5 year flammable fuel and oil hoses L&R engines.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 1379.

Signed

For STEVENS AVIATION GREER, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIRCRAFT TIME KIND OF INSPECTION - STATUS & DISCREPANCY LIST

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 10894.5

HM 8633

June 13, 1996

1. Removed fuel indicator right hand position, P/N 100-380006-47, S/N 5045M, installed overhauled indicator P/N 100-380006-47, S/N 4956M, ops checked satisfactory.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 1379.

Signed

For STEVENS AVIATION GREER, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD

F.A.R. 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11022.3

HM 990.9

November 27, 1996

All maintenance listed below was accomplished in accordance with the Beech 90 Maintenance Manual as applicable.

1. Removed and replaced inoperative instrument post lights, ops checked satisfactory.
2. Removed and replaced burned fluorescent light bulb in right aft cabin indirect light, ops checked satisfactory.
3. Checked left strobe, replaced light assembly, tested good.
4. Replaced burned out bulb in left recognition light, tested good.
5. Replaced burned out tail nav light bulb, ops checked satisfactory.
6. Patched holes in deicer boots.
7. Performed operational check of landing gear both normal and emergency extensions.
8. Replaced right and left main gear brake disc's due to wear.
9. Performed 30 month/2400 hr. inspection on fuel probes and cells.
10. Performed 600 hr. inspection on feeder buss and fuel panel diodes.
11. Performed 600 hr. inspection requirements on aileron spars.
12. Performed control cable tension check.
13. Lubricated landing gear actuator support bearings.
14. Performed 1000 hr. inspection on MLG drag brace.
15. Performed 1000 cycle hr. inspection on landing gear actuator end play and clevis wear inspection, all ops checked satisfactory.

CRS VIBR368K

CONTINUED ON NEXT PAGE.

SA-0505

INSPECTION RECORD
F A R 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11022.3
HM 990.9

November 27, 1996

CONTINUATION FROM PREVIOUS PAGE.

16. Performed 12 month inspection of wing spar caps.
17. Performed 150 hr. inspection on aft body strakes, no defects found.
18. Performed 150, 300, 600, 900 hr. 5 yr., 1000 hr/30 month, & 1050 hr. lubrication items.
19. Replaced evaporator filter.
20. Installed lead acid battery per STC SA101350. Battery S/N G01674678.
21. Installed briefing cards each cabin seat.
22. Installed exchange Co-pilots Turn and Bank S/N on 7478, ops checked good.
23. Lubed right aft cabin seat back adjustment mechanism, ops checked satisfactory.
24. Cleaned corrosion from left transfer pressure switch, ops checked satisfactory.
25. Removed and replaced left low pressure fuel pressure switch, leak and ops checked satisfactory, new pressure switch installed.
26. Removed aft cabin seat left side arm rest, tig welded broken end at latch, re-installed arm rest.

I CERTIFY THIS *Aircraft* HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND A 150hr 2nd Interim INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 13363.

SIGNED

FOR STEVENS AVIATION, GREER, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD
F.A.R. 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11077.0

March 24, 1997

1. AD 96-15-04 DNA to left propeller S/N FY775 and right propeller S/N FY774 per Blade Serial Numbers listed in Hartzell Alert Service Bulletin HC-ASB-61-220.

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Work Order Number 13363.

Signed

For STEVENS AVIATION, GREER, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD
F.A.R. 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11302.1
HM 1270.7

November 5, 1997

1. Replaced left engine boost pump S/N 3J234, leak and ops checked satisfactory.
2. Lubricated nose gear.
3. Replaced left firewall shutoff valve P/N 101-389025-5, S/N 1837. Pressure and ops checked satisfactory.
4. Installed new polarized window 3rd right.
5. Complied with 600 hr. inspection and cleaning of safety valve filter.
6. Complied with 600 hr. pressurization flapper valves.
7. Complied with 1200 hr/5 yr edge lighted panel inspection.
8. Complied with 600 hr. inspection on hinge fuel cell panels, no defects noted.
9. Complied with 12 month flight control cable tensions, no adjustment made.
10. Complied with 600 hr. inspection on retract and emergency chains.
11. Complied with 600 hr. brake reservoir equalization inspection.
12. Complied with 12 month inspection on wing forward spar caps, no defects noted.
13. Complied with 1000 hr. inspection on nacelle splice plates, no defects noted.
14. Complied with 150 hr. inspection of aft body strakes.
15. Complied with 150 and 300 hr. lubrication items.
16. Complied with FAR 91.207 (d) inspected ELT. **Battery due date 4/99.**
17. Complied with additional inspection items.
18. Checked weight on fire extinguisher bottles. **Manufacture date on both bottles 1989.**
19. Replaced grease fitting on right gear.
20. Repaired deicer boots.
21. Cleaned sump drain with shop air, leak checked satisfactory.

CRS VIBR368K

CONTINUED ON NEXT PAGE.

SA-0505

INSPECTION RECORD
F.A.R. 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11302.1
HM 1270.7

November 5, 1997

CONTINUATION FROM PREVIOUS PAGE.

22. Disassembled, cleaned and inspected all reusable parts on left starter/generator. Reassembled using new brushes and bearings, ran on bench, ops checked satisfactory.
23. Replaced pressurization control filter IAW Beech Maintenance Manual.
24. Inspected wing attach fitting drain holes.
25. Replaced right elevator middle hinge bonding wire.
26. Reattached pilot windshield trim molding.
27. Complied with fuel panel feeder diode check, checked satisfactory.
28. Serviced and charged battery, checked satisfactory.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SECTION B OF THE APPROVED AIRCRAFT INSPECTION PROGRAM APPROVED PER FAR 135.419 FOR HAWTHORNE SERVICES, INC. AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. THE BASIC INSPECTION # 150 HR. EXTENDED PRIMARY AND THE ADDITIONAL INSPECTIONS WERE COMPLETED. **WO# 15140.**

SIGNED

Stevens Aviation, Greer, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11598.1

HM 1566.7

June 5, 1998

REF#

AIRCRAFT INSPECTIONS

- 1000 Complied with a Phase 2 Inspection.
- 1002 Complied with annual nose wheel corrosion inspection, no defects noted. Installed new "O" ring and reassembled.
- 1005 Complied with FAR 91.207 (d) inspected ELT, checked satisfactory. Battery due date 4/99.
- 1008 Complied with 200, 400 and 600 hour lube requirements.

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS

- 1009 Complied with AD 98-04-24 by placing a copy of AD into Limitation Section of POH.

MAINTENANCE EVENTS, PARTS REMOVED OR REPLACED

- 1001 Replaced both left and right main tires with new 10 ply Goodyear.
- 1003 Cleaned, inspected and lubed nose gear short chain.
- 1004 Replaced air/cond evaporator filter.
- 1006 Checked all upper wing bolt bath tub fitting drain holes, cleaned as necessary.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SECTION B OF THE APPROVED AIRCRAFT INSPECTION PROGRAM APPROVED PER FAR 135.419 FOR HAWTHORNE SERVICE, INC. AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. THE BASIC INSPECTION PHASE 2 AND THE ADDITIONAL INSPECTIONS WERE COMPLETED.
WO# 04-16281

SIGNED

FOR STEVENS AVIATION, GREER, SC 29651, CRS VIBR368K

SA-0505

INSPECTION RECORD

STEVENS AVIATION

N3688P

S/N LJ-915

ACTT 11725.6

HM 1694.2

September 11, 1998

AIRFRAME INSPECTIONS

- 9008 Complied with Phase 3 Inspection in accordance with Hawthorn Services, Inc. AAIP.
- 1007 Complied with FAR 91.207(d) of ELT. Checked satisfactory at this time.
- 1012 Complied with 200 hour lube chart.
- 1013 Complied with annual wing spar cap corrosion inspection.
- 1016 Complied with emergency equipment inspection as stated by Hawthorn Services, Inc. AAIP.
- 1017 Complied with additional inspection items as per AAIP guide.

MAINTENANCE EVENTS, PARTS REMOVED OR REPLACED

- 1006 Complied with cleaning, inspection and checking of tension of nose gear short chain.
- 1009 Checked and cleaned upper wing bolt tub fittings of any obstructions.
- 1014 Replaced all brake linings on left and right main wheels with new.

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SECTION _____ OF THE APPROVED AIRCRAFT INSPECTION PROGRAM APPROVED PER FAR 135.419 FOR HAWTHORNE SERVICES, INC. AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. THE BASIC INSPECTION # PHASE 3 AND THE ADDITIONAL EMERGENCY INSPECTIONS WERE COMPLETED."

SIGNED

For STEVENS AVIATION, GREENVILLE, SC 29605

SA-0505

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SA-0505

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF
STEVENS AVIATION

N3688P

S/N LJ915

ACTT 12,186.0

HM 2154.87

May 5, 2000

AIRFRAME INSPECTIONS

9008 Complied with Phase 2 Inspection per Raytheon Inspection Guide 050020.

1014 Five year hydro test complied with on oxygen bottle by Anchor Fire & Safety Inc. Replaced oxygen regulator with a unit overhauled by PAI, Inc. Repair Station #WP1R592K on Work Order No. 00-7866.
Hydro test due again 05-04-2005.

1019 Complied with annual corrosion check on nose wheel. Checked satisfactory.

1020 Complied with 200 hour lube checks.

1021 Complied with 3600 hour aileron inspection. Checked satisfactory.

1022 Complied with 6000 hour emergency exit door inspection. Checked satisfactory.

1027 Complied with 6 year/8000 cycles lube and corrosion inspection. Also replaced gear box motor with a unit overhauled by Aero Electric, Inc. Repair Station NV2R045L on Work Order #AGB-6919.
This inspection will be due again May 2006/19,060 cycles.

1030 Complied with annual weight and pressure on cabin and cockpit fire extinguisher. Checked satisfactory.

1031 Complied with an annual corrosion check on wing spar caps.

1032 Complied with annual wing bolt lube.

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS

1033 Complied with AD 99-10-07 check for control cable interference. Checked satisfactory.

1034 AD2000-02-15 DNA to PT6 engines installed.

1035 AD 99-08-21 DNA to type of passenger oxygen mask installed.

COMPONENTS INSPECTED, TESTED OR CALIBRATED

1018 Com [REDACTED] per FAR 91.207(d).

SIGNED [REDACTED]

For STEVENS AVIATION, GREENVILLE, SC 29605, CRS VIBR368K

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SA-0505

INSPECTION RECORD
F.A.R. 43.11-91.409

STEVENS AVIATION

N3688P

S/N LJ915

ACTT 12,186.0

HM 2154.87

May 5, 2000

MAINTENANCE EVENTS, PARTS REMOVED OR REPLACED

1015 Checked static wicks for security and bonding. Replaced six static wicks P/N ESD4C. All static wicks checked satisfactory.

9213 Replaced brushes P/N 03-6010-18 and bearings P/N 30300-1286 in left and right starter generators.
Complied with brush run in on test stand. Checked satisfactory.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(b)(3) AND A **PHASE 2, 200 HOUR INSPECTION** WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ENCLOSED WITH THIS AGENCY UNDER WORK ORDER NUMBER 04-18923.

SIGNED [REDACTED]

For STEVENS AVIATION, GREENVILLE, SC 29605, CRS VIBR368K

SA-0505

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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AIRFRAME

1 of 2

Date 01-09-01
Reg.# N3688P
Hobbs: 2549.8
Make Beechcraft
Model C-90
S/N LJ-915
Landing cycles: 13939

AFTTIS: 12580.8

Complied with phase 4 inspection per Raytheon Aircraft Inspection guide.(05400A).
Complied with FAR 91.207(c) NEXT DUE 01-03 & FAR 91.207(d) functional check
no defects found, NEXT DUE: 01-02. Replaced IVSI gauge with newly ovhl unit s/n
W192 Part number 100-384054-1. Flight director part# 52C77-3 s/n 162 was removed
and sent to Mid-Continent Instruments for ovhl, reinstalled same unit in accordance
with maintenance manual., static system leak test was performed , no defects found.
Replaced vacuum regulator instrument air filters with new. Replaced instrument air
filter with new. Replaced landing light with new GE 4596 bulb. Annual nose wheel
corrosion inspection checked good. Complied with 200 & 400 hour lube checks.
Complied with annual corrosion inspection on wing spar caps. Cleaned, lubed and
checked tension on nose gear short chain. Installed new Gill aircraft battery, part # G-
6381E. Patched de-ice boots as necessary.
I certify this aircraft has been inspected in accordance with an inspection program
required by FAR 91.409(F) 3 and a phase 4 , 200 Hour inspection was accomplished
and the aircraft is approved for return to service. Pertinent details are on file at ATP .

IA

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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AIRFRAME

2 of 2

Date 01-09-01
Reg.# N3688P
Hobbs: 2549.8
Make Beechcraft
Model C-90
S/N LJ-915
Landing cycles: 13939

AFTTIS: 12580.8

Complied with phase 4 inspection per Raytheon Aircraft Inspection guide, 800 hour
lube, 1000 cycle / 30 month, 1200 hour, 1200 hour/ 5 year lube checks. Replaced fwd
left and right cabin window lighting bulbs p/n 5180WW. I certify this aircraft has
been inspected in accordance with an inspection program required by FAR 91.409(F)
3 and a phase 4 , 200 Hour inspection was accomplished and the aircraft is approved
for return to service. Pertinent details are on file at ATP .

INSPECTION RECORD

N#: 3688P
WO#: A02-1343
DATE: 9/20/2002

Relabeled pilots voke PTT switch. Replaced 2 GE330 lamps
in Cent [REDACTED]
Signature [REDACTED]

N#: 3688P
WO#: M02-202173
DATE: 9-20-2002

TACH: 2846.6
TOTAL TIME: 12877.9

Completed Virginia Aviation AAIP Phase 2 Inspection, cockpit and cabin fire extinguishers hydrostatic checked by Fire and Safety Inc. C/W nose gear axle & torque knee insp., C/W nose gear drag brace insp., C/W nose gear shock absorber insp. o/h, C/W nacelle fuel cells & probes insp., C/W wing upper & lower spar cap insp., C/W wing bolt insp., Removed and replaced pressurization control filter P/N 146898-1, C/W edge lighted panel assys. insp., C/W wing insp., C/W Virginia Aviation AAIP Avionics/Emergency Equipment 24 month insp., C/W main gear actuator clevis insp., C/W main gear actuator (End Play) insp., C/W nose gear actuator clevis insp., C/W nose gear actuator (End Play) insp., C/W instrument panel support brackets & stringer insp., C/W windshield doublers & clips insp., C/W fuselage insp., C/W emergency exit hatch insp., continued

Please affix to your aircraft/engine log book.

N#: 3688P
WO#: M02-202173
DATE: 9-20-2002

DATE: 9-20-2002
TACH:2846.6
TOTAL TIME: 12877.9

C/W forward pressure bulkhead insp., C/W cabin door & fuselage frames insp., C/W fuselage frame web insp., C/W fuselage frames sub floor insp., C/W aft fuselage strngers insp., C/W aft pressure strngers insp., Repaired floor area at station 255.50 I/A/W Raytheon SIRM, Removed and replaced busing and bolt for L/H elevator trim tab, C/W AD 02-01-10 (Eff. 2-22-02) by Flight International W0E214951-Next due 13877.9 TTAFF, C/W AD 89-25-10 (Eff. 1-4-90) I/A/W Raytheon SIRM- Next due 13877.9 TTAFF, Removed and replaced L/H & R/H Outboard fuel cap o-rings, Removed and replaced chafe strip around r/h emergency hatch frame, Removed and replaced structural splice & gusset at bottom end of r/h emergency hatch frame, Removed and replaced four instrument panel shock mounts P/N 150PLIZ. Removed and replaced pilot's side rheostat

P/N CM42873 for post lights, Removed and replaced L/H & R/H main tires with new parts, Removed and replaced L/H main gear O/B door linkage assy. & bracket and R/H main gear I/B linkage assy., Removed and replaced A/C drive belt, Removed and replaced A/C compressor & serviced system, Removed and replaced A/C evaporator filter, Removed and replaced nosewheel bearings & races, Removed and replaced altimeter bracket on pilot's side, Removed and replaced one cargo floor bracket, Removed and replaced L/H brake supply line. All above work done in conjunction with Phase 2 insp. I certify that a Phase 2 inspection was performed in accordance with the C90 Virginia Aviation Approved Aircraft Inspection Program and is approved for return to service. *END*

Signature: _____

E A D 12 11 01 100

Aviation

FAA REPAIR STA.

#RSUR804H

VARs-115

and autophagy.

VA Virginia

FAA REPAIR STA.

#RSUR804H

VARs-115

lighting wires, in accordance with Century IV/Flight Director

audio

1000

VA Virginia


FAA REPAIR STA.

#RSUR804H

VARs-115

I have inspected this aircraft and found it safe for a one time

AD 89-25-10

PIEDMONT HAWTHORNE

DATE: 11/11/02 MODEL: C90 S/N: LJ-915 TT: 12555.7 Hrs: 25.0
14000 hours wing ccs and wing bolt inspection I/AW King Air 90 series SIRM

- PERTINENT DATA [REDACTED] AT THIS AGENCY. APPROVED FOR RETURN TO
INSPECTOR FOR PIEDMONT

HAWTHORNE AVIATION, INC. - SALEM, N.C. REPAIR STATION NO. FAIR 258A.

VA Virginia

FAA REPAIR STA.

#RSUR804H

VARs-115

replaced with anagrams SMHCL51770 of the same length.

Signature _____

Please affix to your aircraft/engine logbook.



PIEDMONT AVIATION SERVICES INC

Roanoke Regional Airport • 22 Waypoint Drive NW • Roanoke, VA 24012

REPAIR STATION #PIYR320K

NW: 3688P S/N: LJ-915 DATE: 08-19-05 HOURMETER: 3200.5 ACT:

Performed a magnified visual and fluorescent liquid penetrant inspection of the wing attach bolts per the SIRM chapter 57-13-01 chart 201 Item 10. Performed a magnified visual and fluorescent liquid penetrant inspection of the wing attach fitting flat surfaces, depressions, counterbores and bolt holes per the SIRM chapter 57-13-01 chart 201 Item 1. No cracks or defects noted at this time. Reinstalled all bolts and torqued. -END-

In reference to the work listed above, this aircraft was found in Airframe condition approved for return to service by Alfred L. Revels, Inspector for Piedmont Aviation Services, Inc. Roanoke, VA. RS-PIYR320K W.O.# S004987 DATE 08-19-05 HOURMETER 3200.5

DATE:	28-Apr-06	FALCON EXECUTIVE AVIATION, INC.	W.O. NO.	7077
REG NO.:	N3688P	4766 E. FALCON DR.	TACH:	N/A
MODEL:	C90	MESA, ARIZONA 85215	HOBBS:	3214.5
SERNO:	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	XPDR:	GTX330
			CEILING:	30,000

I certify that the #1 static/altimeter system tests required by FAR 91.411 have been performed, this date, and that the static/altimeter system meets the requirements of Appendix E of FAR Part 43. The altimeter was tested to 30,000 feet.

I certify that the #1 transponder tests required by FAR 91.413 have been performed, this date, and that the transponder meets the requirements of Appendix F of FAR Part 43. The transponder was tested to 30,000 feet. TIC TR-210 Calibration due February 28, 2007.

Transponder Model: GTX330 S/N: 84121123

AUTHORIZED SIGNATURE:

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

DATE:	28-Apr-06	FALCON EXECUTIVE AVIATION, INC.	W.O. NO.:	7077
REG NO.:	N3688P	4766 E. FALCON DR.	TACH:	N/A
MODEL:	C90	MESA, ARIZONA 85215	HOBBS:	3214.5
SERNO:	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	XPDR:	GTX327

I certify that the #2 transponder tests required by FAR 91.413 have been performed, this date, and that the transponder meets the requirements of Appendix F of FAR Part 43. The transponder was tested to 30,000 feet. R-210 calibration due February 28, 2007.

Transponder Model: GTX327 S/N: 83723295

AUTHORIZED SIGNATURE:

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

DATE:	3-May-06	FALCON EXECUTIVE AVIATION, INC.	W.O. NO.:	7077
REG NO.:	N3688P	4766 E. FALCON DR.	TACH:	N/A
MODEL:	C90	MESA, ARIZONA 85215	HOBBS:	3214.5
SERNO:	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J		

Removed RS232C Altitude Encoder, PM 2000 Crew Module, Collins DME Indicator, Gable Engineering ADF Controller, Collins ADF Receiver, PM 1000 Intercom, Trimble 2000 GPS, (2) Collins TDR 90 Transponders, Collins DME 40 Transceiver, (2) Collins VHF-20A Receivers, (2) VIR-30A Nav Receivers, Bendix/King KDI 580 ADF Indicator, (30) Gables Engineering Com Controllers, (2) Gables Engineering Nav Controllers, (1) Gables Engineering Transponder Controller, Collins RMI, RT-180 Flitephone Transceiver, upper and lower CI 108 VHF Comm Antennae, Foster Air Data Loran Antenna, and Trimble GPS Antenna. Installed Garmin GNS 530A TAWS/ GPS/ Nav/Comm, Garmin GTX 330 Transponder, Garmin GTX 327 Transponder, Sky Connect AFF Tracker System, Iridium Transmitting Antenna, Active GPS Antenna, (2) CI-177-1 FM Antennae, CI 292-3 FM Antenna, Sandia Aerospace SAE5-35 Altitude Encoder, Bendix/King KX 165 Transceiver, installed Lone Star Aviation Avionics Cooling Fan and Cooling Fan Ducting, Heritage Aviation PA 34 Radio Interface Unit, R-402A Marker Beacon Receiver, Bendix/King KN 63 DME Receiver, Bendix/King KNI 582 RMI. Operational checks of the equipment installed was satisfactory. Aircraft records were annotated, aircraft was reweighed at the completion of this installation. Reference attached FAA Forms 8130-3, and FAA Form 337 filed this date.

AUTHORIZED SIGNATURE:

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

DATE 5/22/2006 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-7355
REG N3688P 4766 E. FALCON HOBBS 3214.5
MODEL C90 MESA, ARIZONA 85215 AFTT 13245.8
SER# LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 13246

AIRFRAME LOG ENTRY

1. Replaced RH table by replacing deteriorated wood and replacing top and bottom brace.
2. Replaced RH torque motor per Ransack STC using instrument marking tape. Added slip indicator to instrument glass.
3. The work identified above was performed in accordance with current Federal Aviation Regulations and was determined to be airworthy for return to service.

AUTHORIZED SIGNATURE

CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7355.

END

DATE 5/22/2006 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-7355
REG N3688P 4766 E. FALCON HOBBS 3214.5
MODEL C90 MESA, ARIZONA 85215 AFTT 13245.8
SER# LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 13246

AIRFRAME LOG ENTRY

1. This aircraft has been placed on the Falcon Executive Aviation Inc Approved Aircraft Inspection Program. Prior inspections are in compliance with the approved Falcon Executive Aviation Inc approved Aircraft Inspection Program.

AUTHORIZED SIGNATURE

CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7355.

END

DATE 6/11/2006 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-7459
REG N3688P 4766 E. FALCON HOBBS 3255
MODEL C90 MESA, ARIZONA 85215 AFTT 13255.3
SER# LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 13256

AIRFRAME LOG ENTRY

1. Replaced both main tires with Flight Custom III, 8.50X10; 8 ply. Cleaned and packed wheel bearings. Checked wheel balance.
2. Adjusted nose gear uplock switch. Performed gear retract and extension checks.
3. The work identified above was performed in accordance with current Federal Aviation Regulations and was determined to be airworthy for return to service.

AUTHORIZED SIGNATURE

CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7459.

END

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE	7/17/2006	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-7580
REG	N3688P	4766 E. FALCON	HOBBS	3406.6
MODEL	C90	MESA, ARIZONA 85215	AFTT	13437.9
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	13351

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Complied with Falcon Executive Aviation Inc Approved Aircraft Inspection Program, Phase 1.
2. Complied with FAR 91.207, para d, ELT Test and Inspection. Battery replacement date is Aug, 2007.
3. Complied with LH and RH wing Front Spar Cap Yearly Inspection.
4. Complied with 200, 400 and 800 Hr Lubrication items.
5. Complied with Fire Extinguisher monthly inspection.

DISCREPANCY:

1. Disassembled, cleaned and lubricated NLG door rollers.
2. I certify that this aircraft has been inspected in accordance with the Falcon Executive Aviation Inc Approved

Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.
Applicable AD notes through 06-13. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7082.

END

DATE	7/19/2006	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-7580
REG	N3688P	4766 E. FALCON	HOBBS	3412.8
MODEL	C90	MESA, ARIZONA 85215	AFTT	13444.1
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	

AIRFRAME LOG ENTRY

1. Installed overhauled prop tachometer (50-380035-1), S/N 8436.
2. The work identified above was performed in accordance with the Falcon Executive Aviation Inc Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7580.

END

DATE	8/8/2006	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-7649
REG	N3688P	4766 E. FALCON	HOBBS	3512.3
MODEL	C90	MESA, ARIZONA 85215	AFTT	13543.6
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	13392

AIRFRAME LOG ENTRY

DISCREPANCY:

1. Repaired landing gear selector switch.
2. Replaced pilots PTT switch with 601-4312.
3. Researched AD 06-13-10 Rudder Trim Tab Moisture Drain and found previously complied with by AD 92-07-05.
4. Replaced propeller ice-ice brushes (RA2111U) on both sides.
5. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved

Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.
Applicable AD notes through 06-14. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7649.

END

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE	12/11/2006	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-8051
REG	N3688P	4766 E. FALCON	HOBB	3675.3
MODEL	C90	MESA, ARIZONA 85215	AFTT	13706.6
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	13521

AIRFRAME LOG ENTRY

DISCREPANCY:

1. Installed new uplock switch (1CH25) on nose gear. Performed gear retract and extension checks.
2. Installed new LH wing aft, inboard fuel cell (50-389034-11LH).
3. Repaired wiring for RH fuel gauge at nacelle sending unit.
4. Complied with Fire Extinguisher monthly inspection.
5. Serviced tires with nitrogen.
6. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE _____ CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8051.

END

YE	DATE	1/31/2007	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-8200	ons
	REG	N3688P	4766 E. FALCON	HOBB	3675.3	of
	MODEL	C90	MESA, ARIZONA 85215	AFTT	13706.6	es.)
	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	13521	

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Complied with 6 YR/8000 Cyc Inspection of main landing gear shock struts, drag brace, axle and torque knees.
2. Complied with 30 MO/1000 Cyc main landing gear actuator end play inspection.
3. Complied with 1000 Cyc main landing gear actuator clevis inspection.
4. Complied with 6 YR/8000 Cyc Inspection of nose landing gear shock struts, drag brace, axle and torque knees.
5. Complied with 30 MO/1000 Cyc nose landing gear actuator end play inspection.
6. Complied with 1000 Cyc nose landing gear actuator clevis inspection.
7. Complied with 6 YR/8000 Cyc retract gearbox and clutch inspection.
8. Complied with 6 YR/8000 Cyc landing gear motor inspection. Installed OH landing gear motor S/N 1374.
9. Complied with 12 Month cabin altitude warning system inspection.
10. Complied with 3 YR/1000 Hr wing spar and wing bolt inspection SIRM 57-13-01, Chart 201, items 1 thru 10.
NDT testing performed by Canyon State Inspection, CRS H13D554L, wo # 27228516.
11. Complied with AD 89-25-10 Inspection of Main Wing Spar. Next due AFTT 14706.6.
12. Wing bolt torque check due next Hobb 3875.3.
13. Complied with AD 02-01-10 MLG Torque Knees by replacement with 50-810032-12 and 50-810295-25. This ends recurring inspection requirements of AD 02-01-10.
14. Complied with 5 YR/1200 Hr Lubrication.
15. Complied with FAR 91.207 (d) ELT Test and Inspection. Battery replacement due Aug 2007.
16. Complied with 600 Hr Instrument air filter replacement.
17. Complied with 800 Hr Detailed Aileron Inspection.
18. Complied with 12 Month fuel control panel and lower edgelight inspection.

continued next page

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE 5/26/2007

REG N3688P

MODEL C90

SER # LJ-915

FALCON EXECUTIVE AVIATION, INC.

4766 E. FALCON

MESA, ARIZONA 85215

FAA APPROVED REPAIR STATION NO. X0FR185J

AIRFRAME LOG ENTRY

W.O. #

SVC-8809

HOBB

3765

AFTT

13796.3

LANDINGS

13589

INSPECTIONS:

1. Completed Falcon Executive Aviation Inc Approved Aircraft Inspection Program, Phase 3.
2. Complied with LH and RH Wing Front Spar Cap Yearly Inspection.
3. Complied with 200 Hr and 400 Hr Lubrication items.
4. Complied with fire extinguisher weigh and inspection.
5. Wing bolt torque check due next Hobb 3875.3.

DISCREPANCY:

1. Replaced fuel line in left inboard nacelle from fuel purge valve to wheel well bulkhead fitting.
2. I certify that this aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air Phase 3 and is approved for return to service.

Applicable AD notes through 07-10. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8809.

END

DATE 8/6/2007

REG N3688P

MODEL C90

SER # LJ-915

FALCON EXECUTIVE AVIATION, INC.

4766 E. FALCON

MESA, ARIZONA 85215

FAA APPROVED REPAIR STATION NO. X0FR185J

AIRFRAME LOG ENTRY

W.O. #

SVC-8980

HOBB

3836.1

AFTT

13867.4

LANDINGS

13647

INSPECTIONS:

1. Complied with air condition motor 1000 Hr brush inspection.
2. Complied with evaporator filter 400 Hr replacement.

DISCREPANCY:

1. Removed LH and RH flow packs P/N 1497-8-83R, S/N unknown. Installed servicable flow packs P/N 97-380000-33. S/N 513 with 170.3 Hrs TIS and S/N 4336 with 448.0 Hrs TIS.
2. Removed air conditioner compressor P/N ER206R-25202, S/N A3289347. Installed new compressor P/N ER206R-25202, S/N A4547194. Installed new receiver/dryer P/N 90-384019-3. Removed and cleaned evaporator. Replaced evaporator filter P/N 50-554226-57. Installed new condensor P/N 50-380039. Installed new AC belts P/N 100-384112-1. Belt retension due in 50 hrs. Installed servicable fan shroud P/N 90-554237. Replaced both compressor hoses and both service hoses. Evacuated and serviced with R12 freon.
3. Installed Flight Custom III 8.50X10, 8 ply tires on both mains. Balanced wheel assy and serviced wheel bearings.
4. Installed new pressurization ducts, P/N 50-380057-11, 50-380057-9 and 50-384064-5 in nose area.
5. Replaced RH N1 gauge with overhauled P/N 50-380034-3, S/N B366-3.
6. Replaced nose baggage door latch P/N DY1440-7.
7. Installed new LH gear switch P/N 444EN49-6.
8. Replaced evaporator ram air door magnetic latch assy P/N 50-554275-9.
9. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE [REDACTED]

CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8980.

END

DATE	6/5/2008	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-10252
REG	N3688P	4766 E. FALCON	HOBB	178.6
MODEL	C90	MESA, ARIZONA 85215	AFTT	14125.9
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	13825

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Completed Falcon Executive Aviation Inc Approved Aircraft Inspection Program, Phase 1.
2. Complied with FAR 91.207 (d) ELT Test and Inspection. Battery replacement due Oct. 2009.
3. Complied with 30 Day Inspection of Cabin and Cockpit Fire Extinguishers next due 7/5/2008.
4. Complied with 200, 400 and 800 Hr Lubrication items.
5. Complied with 200 Hr/3 Month Main Battery Inspection. Next due AFTT 14325.9 or Sept 2008.
6. Complied with 12 Month Continuous Corrosion Control Inspection to coincide with Phase or 24 Months.
7. Complied with 12 Month Avionics Inspection Per FEA AAIP Section 600.
8. Complied with LH and RH Yearly Upper and Lower Spar Cap Inspection.
9. Complied with 1000 Hr Overhaul of Both Starter/Generators. Next due AFTT 15125.9.
10. Complied with 4000 Hr/6 Year Overhaul of Both Propellers. Next due AFTT 18125.9 or May 2014.

DISCREPANCY:

1. Installed Rosen Cockpit Sunvisors PN RBKA-300-NSA-1 SN V021431 per STC SA5139NM. See 337 dated 5/16/2008.
2. Installed Precise Flight Recog PulseLite MN 1210/2405-2A PN KT4070 SN J07549 System per STC SA4005NM. See 337 dated 6/5/2008. Edgelighted panel modified by E.D.N. Aviation CRS IEDR824K under WO 98883, see 8130-3.
3. Installed overhauled left engine Starter Generator MN 23048-016 SN 7538 from Ametek CRS NE2R028L WO B07-07748.
4. Installed overhauled right engine Starter Generator MN 23048-018 SN 8266 from Ametek CRS NE2R028L WO B07-05200.
5. Replaced emergency exit seal PN 50-420013-315.
6. Completed field repair of cracks in lower wing box skins on right wing fore and aft positions IAW SIRM Chp 57-00-01.
7. Installed overhauled right fuel boost pump PN 1D2-12 SN 4BA24 from Fleet Support Services CRS NE5D064N WO 49194.
8. Reinstalled left propeller MN HC-D4N-3A SN FY587 after O/H by Warner Propeller, see prop log, per Hartzell Manual 149.
9. Reinstalled right propeller MN HC-D4N-3A SN FY774 after O/H by Warner Propeller, see prop log, per Hartzell Manual 149.

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10. Installed new left auto ignition/auto feather pressure switch PN 50-389121-19 SN 12094.
 11. Replaced belly beacon flashtube PN 01-0770044-02 and lense PN 68-2130024-50.
 12. Installed new aircraft battery PN G-6381E SN G02389259.
 13. Installed serviceable right wing outboard fuel quantity transmitter PN 100-380006-107. Calibrated gauge and leak checked.
 14. I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air Phase 1 and is approved for return to service.
- Applicable AD notes through 08-11. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
- Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10252.

END

DATE	6/7/2008	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-10498
REG	N3688P	4766 E. FALCON	HOBB	247
MODEL	C90	MESA, ARIZONA 85215	AFTT	14194.3
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	

AIRFRAME LOG ENTRY

1. Removed left fuel boost pump P/N 1D2-12, S/N 3J234. Installed servicable boost pump P/N 72443, S/N 283U. TIS 541.6 hrs. Operational and leak checked satisfactory. Work accomplished iaw Maintenance Manual P/N 90-590012-13, Rev B17 dated May 1, 2008, section 28-20-00-201.
 2. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.
- AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
- Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10498.

END

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE 6/18/2009
 REG N3688P
 MODEL C90
 SER # LJ-915

FALCON EXECUTIVE AVIATION, INC.
 4766 E. FALCON
 MESA, ARIZONA 85215
 FAA APPROVED REPAIR STATION NO. X0FR185J

W.O. # SVC-11718
 HOBBS 332.2
 AFTT 14279.5
 LANDINGS 13948

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Complied with FAR 91.207(d) ELT test and inspection.
2. Complied with left and right wing 12 month spar cap inspection.
3. Complied with 12 month Avionics inspection per FEA AAIP section 600.

DISCREPANCY:

1. Replaced left main tire with Flight Custom III, 8.50X10, 8 ply. Serviced wheel bearings. Balanced and installed.
2. Replaced right main tire with Flight Custom III, 8.50X10, 8 ply. Serviced wheel bearings. Balanced and installed.
3. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft

Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-11718.

"-----END-----"

DATE 7/7/2009
 REG N3688P
 MODEL C90
 SER # LJ-915

FALCON EXECUTIVE AVIATION, INC.

4766 E. FALCON

MESA, ARIZONA 85215

FAA APPROVED REPAIR STATION NO. X0FR185J

AIRFRAME LOG ENTRY

W.O. # SVC-11785

HOBBS 336.5

AFTT 14283.8

LANDINGS 13952

INSPECTIONS:

1. Complied with 200 Hr/3 Month Main Battery Inspection.
2. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-11785.

"-----END-----"

DATE	7/27/2009	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-11786
REG	N3688P	4766 E. FALCON	HOBB	336.5
MODEL	C90	MESA, ARIZONA 85215	AFTT	14283.8
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	13952

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Complied with 8000 cycle/6 year nose gear actuator overhaul and 1000 cycle/30 month inspection by installing P/N 50-820208-5R, S/N ALG-10844 overhauled by Kelly Aerospace Turbine Rotables, CRS NV2R045L, WO# ALG-11786.
2. Complied with 8000 cycle/6 year left gear actuator overhaul and 1000 cycle/30 month inspection by installing P/N 50-810164-17R, S/N ALG-10394 overhauled by Kelly Aerospace Turbine Rotables, CRS NV2R045L, WO# ALG-11258.
3. Complied with 1000 cycle/6 year right gear actuator overhaul and 1000 cycle/30 month inspection by installing P/N 50-810164-18R, S/N ALG-10843 overhauled by Kelly Aerospace Turbine Rotables, CRS NV2R045L, WO# ALG-11785.
4. Complied with nose and main gear actuator clevis hole 1000 cycle inspection. New clevis pins installed.
5. Complied with 1000 cycle/30 month landing gear needle bearing lubrication.

DISCREPANCY:

1. Replaced landing gear circuit breaker P/N 700-001-50.
2. Replaced GPU circuit breaker P/N 7277-25-5.
3. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE [Redacted] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-11786.

END

18-19-09 392.1 [Redacted] updated Inspection Nav data to cycle 0911
[Redacted] CRS X0FR185J

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Work
DATE				Entries must be endorsed with Name, Rating and Signature of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	11/9/2009	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-11988
REG	N3688P	4766 E. FALCON	HOBB	392.1
MODEL	C90	MESA, ARIZONA 85215	AFTT	14339.4
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14000

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Completed Falcon Executive Aviation Inc Approved Aircraft Inspection Program, Phase 2, 3 and 4. (complete)
2. Complied with FAR 91.207 (d) ELT Test and Inspection. Replaced battery 452-0130. Next replacement due Nov 2011.
3. Complied with 6 Month weight and inspection of Cabin and Cockpit Fire Extinguishers.
4. Complied with 200 Hr Lubrication items.
5. Complied with 200 Hr/3 Month Main Battery Inspection and servicing.
6. Complied with 800 Hr pressurization rate controller filter by replacement P/N 146898-1.
7. Complied with 1000 Hr left and right nacelle splice plate inspection.
8. Complied with 24 month continuous corrosion control inspection.

(continued on next page)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DISCREPANCY:

(continued from previous page)

1. Installed overhauled lift transducer P/N 795-9, S/N 1662. Ref 8130-3 from Safe Flight Instrument Corp. CRS QA1R419K, WO# 287 dated Feb 24, 2009.
2. Replaced left landing light bulb P/N NL4596.
3. Replaced left heated fuel vent mast P/N EE-366L.
4. Replaced nose tire with Michelin P/N 076-367-0, S/N 7222W00267. Balanced wheel assy and serviced bearings.
5. Both crew and one passenger oxygen masks repaired by Aerox Aviation Oxygen Systems inc WO# 102809-5.
6. Repaired crack in right wing, upper skin, aft of forward bath tube fitting in accordance with Hawker Beechcraft Standard repair DWG NO SR-KA-00023 Rev 2
7. Repaired small 1/4" crack in right wing leading edge skin P/N 100-110067-4 iaw DERT 605325-NM Engineering data on FAA Form 8110-3 dated 10/15/09.
8. Repaired two small cracks found when right aft nacelle cover was removed. Repaired by doublers iaw Beech SRM, chapter 20-10-15.
9. I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air Phase 2, 3, 4 and is approved for return to service.

Reviewed AD notes through 09-22. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-11988.

END

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
11-17-09	Hobbs 392.1			Updated Nav data cycle 0912 effective 11-18-09. Complied with fire extinguisher monthly visual Insp [REDACTED] CRS X0FR185J
12-14-09	Hobbs 399.0			Updated Nav data cycle 0913 effective 12-17-09 Complied with fire extinguisher monthly visual Insp [REDACTED] CRS X0FR185J
1-12-2010	Hobbs 399.0			Updated Nav data cycle 1001 effective 1-14-2010 Complied with fire extinguisher monthly visual inspection [REDACTED] CRS X0FR185J
2-11-10	Hobbs 401.8			Updated Nav data cycle 1002 effective 2-11-10 Complied with fire extinguisher monthly visual inspection [REDACTED] CRS X0FR185J

DATE:	4-Mar-10	FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON DR. MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J	SVC:	1689
REG NO.:	N3688P		TACH:	N/A
MODEL:	C90		HOBBS:	402.7
SERNO:	LJ-915		XPDR:	GTX330
			CEILING:	35,000

I certify that the Pilot's static/altimeter system tests required by FAR 91.411 have been performed, this date, and that the static/altimeter system meets the requirements of Appendix E of FAR Part 43. The Pilot's altimeter was tested to 35,000 feet.

I certify that the #1 transponder tests required by FAR 91.413 have been performed, this date, and that the Mode S transponder meets the requirements of Appendix F of FAR Part 43.

#1 Transponder Serial No.: 84121123

The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

DATE:	4-Mar-10	FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON DR. MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J	SVC:	1689
REG NO.:	N3688P		TACH:	N/A
MODEL:	C90		HOBBS:	402.7
SERNO:	LJ-915		XPDR:	GTX327
			CEILING:	35,000

I certify that the CoPilot's static/altimeter system tests required by FAR 91.411 have been performed, this date, and that the static/altimeter system meets the requirements of Appendix E of FAR Part 43. The CoPilot's altimeter was tested to 35,000 feet.

I certify that the #2 transponder tests required by FAR 91.413 have been performed, this date, and that the transponder meets the requirements of Appendix F of FAR Part 43.

#2 Transponder Serial No.: 82723295

The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: [REDACTED] RSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
B	DATE	3/5/2010		FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J AIRFRAME LOG ENTRY
	REG	N3688P		W.O. # HOBBS AFTT LANDINGS
	MODEL	C90		SVC-1662 402.7 14350 14014
	SER #	LJ-915		
INSPECTIONS:				
1. Complied with 200 Hr/3 Month Main Battery Inspection. 2. Complied with 12 month cabin altitude warning switch test. 3. Complied with 2000 Hr/4 year edgelighted panel assembly inspection. Replaced 15 bulbs P/N D158-100-5T1. 4. Complied with 12 month fuel control panel and lower edgelight inspection. Replaced 6 bulbs P/N D158-100-5T1. 5. Complied with 1000 Hr/3 year wing spar and wing bolt inspection, SIRM 57-13-01, chart 201, items 1 thru 10. NDT testing performed by Canyon State Inspection, CRS H13D554L, WO# ACIO-369 and ACIO-370. 6. Complied with 12 month wing bolt lubrication. 7. Complied with AD 89-25-10 Inspection of wing main spar. Next due AFTT 15350.0. 8. Wing bolt torque check due AFTT 14539.4. 9. Complied with yearly inspection of left and right wing forward spar cap. 10. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.				
AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J				
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-1662.				
END				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
DATE	4/7/2011	FALCON EXECUTIVE AVIATION, INC.		W.O. # SVC-2917
REG	N3688P	4766 E. FALCON		HOBB 509.1
MODEL	C90	MESA, ARIZONA 85215		AFTT 14456.4
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J		LANDINGS 14104
AIRFRAME LOG ENTRY				
INSPECTIONS:				
1. Complied with 12 month wing bolt lubrication.				
2. Complied with 200 Hr/3 month aircraft battery inspection and service.				
3. Complied with 12 month cabin altitude warning switch test by method 2.				
4. Complied with yearly inspection of left and right wing forward spar cap.				
5. Complied with 12 month pilots fuel control panel and lower edgelighted panel inspection.				
6. Complied with 12 month co-pilots edgelighted circuit breaker panel and wiring circuitry inspections.				
DISCREPANCY:				
1. Replaced radio light rheostat (CM34067) located in overhead panel.				
2. Replaced stall warning transistor switch (99-364161-7) and stall warning light assembly (1200-1).				
3. Replaced landing light bulb (NL4596).				
2. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.				
AUTHORIZED SIGNATURE: [Redacted] CRS X0FR185J				
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-2917.				
"-----END-----"				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
DATE	4/7/2011	FALCON EXECUTIVE AVIATION, INC.		W.O. # SVC-2811
REG	N3688P	4766 E. FALCON		HOBB 509.1
MODEL	C90	MESA, ARIZONA 85215		AFTT 14456.4
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J		LANDINGS 14104
AIRFRAME LOG ENTRY				
DISCREPANCY:				
1. Secured co-pilots phone jacks.				
2. Operational checked aux FM transmit with no discrepancy found.				
3. Fabricated stiffener from 2024 T3, 040 aluminum and fabricated mounting angle from 3/4 X 3/4, 6061 T6 angle stock. Mounted to ELT mounting tray and longeron directly below the mounting tray. Applied 100 lbs of force iaw Artex Installation and Maintenance Manual 570-1600 Rev G and deflection was less than 0.1 in.				
4. Revised equipment list to current installations.				
5. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.				
AUTHORIZED SIGNATURE [Redacted] CRS X0FR185J				
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-2917.				
"-----END-----"				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE	11/29/2011	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-3355
REG	N3688P	4766 E. FALCON	HOBB	735.4
MODEL	C90	MESA, ARIZONA 85215	AFTT	14,682.70
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,265

AIRFRAME LOG ENTRY

1. Removed left engine Pneumatic Flow Control Valve P/N 97-380000-33, S/N 4336 and replaced with repaired valve P/N 97-380000-33, S/N 3528. (see Martin Pneumatics Inc. CRS LHZR449K, Form 8130-3 dated 11/3/2011 for details). Removed Pneumostat P/N 97-380000-17, S/N unknown and replaced with repaired unit P/N 97-380000-17, S/N 7451. (see Martin Pneumatics Inc. CRS LHZR449K, Form 8130-3 dated 11/3/2011 for details).
2. Removed right engine Pneumatic Flow Control Valve P/N 97-380000-33, S/N 513 and replaced with repaired valve P/N 97-380000-33, S/N 1020 (see Martin Pneumatics Inc. CRS LHZR449K, Form 8130-3 dated 11/3/2011 for details). Removed Pneumostat P/N 97-380000-17, S/N unknown and replaced with overhauled unit P/N 97-380000-17, S/N 7914. (see Aero Space Controls Corp. CRS LHZR449K, Form 8130-3 dated Sept 1, 2010 for details).
3. Removed nose wheel/tire assembly, disassembled, cleaned and inspected. Replaced tire P/N 076-367-0, S/N 7222W00267 with new Michelin Air P/N 076-367-0, S/N 8066W00363 and new tube P/N 092-344-0. Cleaned, inspected and re-greased wheel bearings. Checked wheel/tire balance and reinstalled.
4. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-3355.

END

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE	2/1/2012	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-3444
REG	N3688P	4766 E. FALCON	HOBB	743.9
MODEL	C90	MESA, ARIZONA 85215	AFTT	14,591.20
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,277

AIRFRAME LOG ENTRY

INSPECTIONS:

1. Completed Falcon Executive Aviation Inc Approved Aircraft Inspection Program, Phase 3 and 4 inspection.
2. Complied with 200 Hr lubrication schedule items.
3. Complied with 5 Yr/1200 Hr lubrication of rudder trim tab actuator.
4. Removed Gill battery G6381E, S/N G02462111. Installed new Gill battery G6381E, S/N G02685193.
5. Complied with 14CFR 91.207(d) ELT test and inspection on Artex ELT110-4, S/N 52433. Installed new battery P/N 452-0130 Rev J, S/N 351190-273. Next replacement due OCT/2013.
6. Performed cabin and cockpit fire extinguisher 6 month weigh and inspection.
7. Complied with 1000 cycle/30 month inspection of main and nose gear actuators and 1000 cycle inspection of main and nose gear actuator clevis holes.
8. Complied with 1000 cycle inspection of exterior airframe skin in accordance with chapter 53-10-00-201.
9. Performed 12 month Avionics Inspection using Form 600-1 from AAIP.
10. Complied with 12 month test of cabin altitude warning switch P/N 101-384028-3 using table 201 from M.M.
11. Complied with 12 month inspection of pilots fuel control panel and lower edgelight panel below storm window.
12. Complied with 12 month inspection of co-pilots edgelighted circuit breaker panel and wiring below storm window.
13. Performed yearly visual inspection of left and right wing upper and lower spar caps.
14. Performed 12 month wing bolt lubrication.

continued next page

DATE 4/23/2013 FALCON EXECUTIVE AVIATION, INC. WO# SVC-4212
 REG N3688P 4766 E. FALCON HOBBS 1159.3
 MODEL C90 MESA, ARIZONA 85215 AFTT 15,106.60
 SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,497

AIRFRAME LOG ENTRY

Inspection items accomplished:

1. Falcon Executive Aviation Inc Approved Aircraft Inspection Program, Phase 3 and 4 Inspection.
2. 800 Hr pressurization rate controller filter replacement by installing new 146898-1.
3. Aircraft battery 90 day service. Installed new Gill battery G6381E, S/N G02754389.
4. 6 month weigh of cabin and cockpit fire extinguishers.
5. 12 month test of cabin altitude warning switch P/N 101-384028-3 using method 3.
6. 12 month inspection of pilots fuel control panel and lower edgelight panel below storm window.
7. 12 month inspection of co-pilots edgelighted circuit breaker panel and wiring below storm window.
8. 1000 Hr/3 year wing spar and wing bolt inspection iaw SIRM 57-13-01, chart 201, items 1 thru 10. NDT testing performed by Canyon State Inspection, CRS H13D554L, WO# AC13-008.
9. Yearly visual inspection of left and right wing upper and lower spar caps.
10. 12 month Avionics Inspection using Form 600-1 from AAIP.
11. 800 Hr instrument filter replacement by installing new EBG03-0018.
12. 400 Hr evaporator filter replacement by installing new 90-555101-0001.
13. 6 yr/8000 cycle inspection of landing gear shock struts, drag braces, axle and torque knees. 6 yr/8000 cycle inspection retract gearbox and clutch. 6 yr/8000 cycle overhaul of gear motor by installing overhauled 91-380002-3, S/N 1926. Ref 8130-3 from Aerospace Turbine Rotables, CRS NV2R045L, WO 25459. NDT testing performed by Canyon State Inspection, CRS H13D554L, WO# AC13-008.
14. 30 month/1000 cycle inspection of landing gear actuators.

Airworthiness Directive Compliance:

1. AD 89-25-10 Inspection of wing main spar. Next due AFTT 16106.6.

Lubrication items accomplished:

1. 200 Hr lubrication schedule items.
2. 12 month wing bolt lubrication.

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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page 2 of 2

Discrepancies corrected:

1. Replaced the following wing bolts with new. Left and right wing upper forward 81785-12-23. Left and right wing upper aft and lower aft 81786-10-20.
2. Replaced vacuum regulator filter ARB3-5-1.
3. Replaced left heated pitot tube with servicable PH502-3. Ops checked satisfactory.
4. Replaced left tail logo lamp with new LP1982SP.
5. Replaced pilots control yoke u-joint with new 99-524034-11.
6. Replaced right side rudder pulley at aft bulkhead with new MS20220-3.
7. Removed air conditioner compressor EN206R-25202, S/N A4547194. Installed new ER206R-25202, S/N A5280160. Installed new belt set 100-384112-1. Serviced with 2 lbs R12 freon.
8. Replaced elevator trim cable with new NAS302-77-1614. Adjusted elevator cable tensions and elevator trim cable tensions.
9. Replaced cabin door lower step cable with new 50-430043-437 and adjusted step stops.
10. Removed right aileron, treated minor corrosion, painted and checked balance (1.4"), reinstalled.
11. Replaced both nose wheel races 19268-20629X2 and bearings 19150-20629X2.
12. Replaced entry door instruction placard 101-531497-3.
13. Resealed left brake caliper. Bled brake and serviced reservoir.

I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air Phase 3 & 4 and is approved for return to service.

Reviewed AD'S thru biweek 13-08. AUTHORIZED SIGNATURE _____ CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-4212.

END

DATE 12/24/2013 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-4944
REG N3688P 4766 E. FALCON HOBBS 1351.9
MODEL C90 MESA, ARIZONA 85215 AFTT 15,299.20
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,594

AIRFRAME LOG ENTRY

1. Complied with Aircraft battery 90 day service. Gill G6381E, S/N G02754389.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-4944.

END

DATE 1/30/2014 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-5006
REG N3688P 4766 E. FALCON HOBBS 1351.9
MODEL C90 MESA, ARIZONA 85215 AFTT 15,299.20
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,594

AIRFRAME LOG ENTRY

1. Mounted rotary selection switch P/N 11C5080 and toggle up/down switch P/N 89C9926 in removeable Forest Service

Table and routed wires with quick disconnect through right sidewall to FM radios located in copilot panel. All work performed IAW NAT 136D FM Transceiver Installation Manual.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-5006.

END

DATE 1/30/2014 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-5009
REG N3688P 4766 E. FALCON HOBBS 1351.9
MODEL C90 MESA, ARIZONA 85215 AFTT 15,299.20
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,594

AIRFRAME LOG ENTRY

Inspection items accomplished:

1. 2400 Hr/30 month inspection of left and right nacelle fuel tanks for microbe growth.
2. 2000 Hr/4 year inspection of edgelighted panel assembly.
3. 12 month cabin altitude warning switch test.
4. 12 month inspection of pilot fuel control panel and lower edgelighted panel below storm window.
5. 12 month inspection of copilot edgelighted circuit breaker panel and wiring circuitry below storm window.
6. Yearly visual inspection of left and right wings forward, upper and lower spar cap.

Lubrication items accomplished:

1. 12 month Wing Bolt Lube

Discrepancies corrected:

1. Replaced seal P/N S9413-012 in gear handle transition light holder
2. Replace No Step placards both stub wings.
3. Serviced landing gear struts and tires with nitrogen.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-5009.

END

☐ Removal of Required—Exchanged for Optional

☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required—Exchanged for Optional
☐ Removal of Required—Exchanged for Optional

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	of
2	DATE	12/29/2014	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-5557
D	REG	N3688P	4766 E. FALCON	HOBBS	1531.6
	MODEL	C90	MESA, ARIZONA 85215	AFTT	15,478.90
	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,671
AIRFRAME LOG ENTRY					

Inspection items accomplished:

1. Falcon Executive Aviation Inc. Approved Aircraft Inspection Program, Phase 3 and 4 Inspection.
2. Weighed aircraft. EW 6307 lbs.: EWCG 151.0: EWMO 952332.10:
3. 14 CFR 91.207(d) ELT Test and Inspection on ACK Model E-04, S/N 009119. Battery replacement due Nov 2018.
4. 90 day Aircraft battery service and inspection on Gill G-6381E, S/N G02754389.
5. 6 month weigh of cabin and cockpit fire extinguishers.
6. 1000 Hr. left and right nacelle splice plate inspection.
7. 12 month Avionics Inspection using Form 600-1 from AAIP.
8. 12 month inspection of pilot fuel control panel and lower edge lighted panel below storm window.
9. 12 month inspection of copilot edge lighted circuit breaker panel and wiring circuitry below storm window.
10. 12 month cabin altitude warning switch test P/N 101-384028 3.
11. 6 month weigh of cabin (4.5 lbs.) and cockpit (4.5 lbs.) fire extinguishers.
12. 2000 cycle inspection of flap flexible shafts.
13. 800 Hr. left and right pneumatic flow control solenoid valve filter inspection.
14. 60 Month oxygen cylinder (DOT 3AA1800) hydrostatic certification and installed overhauled regulator 801292-01, S/N 5453.
Ref 8130-3 from Aerospace Turbine Rotatable Inc., CRS NV2R045L, WO35285, dated 3/6/2013.
15. 12 month visual inspection of left and right wings forward, upper and lower spar cap.
16. 1200 Hr. pedestal power lever stop pin inspection.
17. 400 Hr. evaporator filter replacement by installing new 90-555101-0001.
18. 8000 cycle/6 year left gear actuator overhaul. Removed P/N 50-810164-17, S/N ALG-10394. Installed overhauled P/N 50-810164-17, S/N 432290. Ref 8130-3 from Aerospace Turbine Rotatable Inc., CRS NV2R045L, WO49463, dated 8/28/2014.
19. 8000 cycle/6 year right gear actuator overhaul. Removed P/N 50-810164-18, S/N ALG-10843. Installed overhauled P/N 50-810164-18, S/N 432302. Ref 8130-3 from Aerospace Turbine Rotatable Inc., CRS NV2R045L, WO49475, dated 8/18/2014.

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
20	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	

20. 8000 cycle/6 year nose gear actuator overhaul. Removed P/N 50-820208-5, S/N ALG-10844. Installed overhauled P/N 50-820208-5, S/N NSN32811. Ref 8130-3 from Aerospace Turbine Rotatable Inc., CRS NV2R045L, WO58596, dated 8/29/2014.
21. Communique No 2014-02 ATA24-Starter Generator Terminal Adapter Nuts by installing P/N MS21083N6 nuts.

Lubrication items accomplished:

1. 200 Hr. lubrication schedule items.
2. 12 month wing bolt lubrication.

Discrepancies corrected:

1. Replaced pilots right brake master cylinder with new P/N 90-380001-23, S/N APW1683. Bled and serviced with H5606.
2. Replaced vacuum relief filter with ARB3-5-1.
3. Applied prosoal to exterior edge of windows.
4. Replaced nose wheel tube with P/N 092-344-0.
5. Replaced right wheel brake disc with P/N 164-20900 and installed new brake linings P/N 066-09000.
6. Replaced both main strut service placard P/N 50-810382.
7. Installed new strobe flash tube P/N 35-0170384-01 in right wing.
8. Replaced lower cabin door step pivot stud with new P/N 50-430040-27.
9. Installed new landing gear motor circuit breaker P/N 700-001-50.
10. Leak checked cabin using pressurization cart and sealed minor leaks.

I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air Phase 3 & 4 and is approved for return to service.

Reviewed AD'S thru biweek 14-26. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-5557.

END

DATE 12/10/2015 FALCON EXECUTIVE AVIATION, INC. W.O. # SVC-6589
REG N3688P 4766 E. FALCON HOBBS 1911.6
MODEL C90 MESA, ARIZONA 85215 AFTT 15,858.90
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,817

AIRFRAME LOG ENTRY

1. Performed 6 month Cabin and Cockpit Fire Extinguisher Weigh - Cabin: 4 lbs. 15 oz, Cockpit: 4 lbs. 14 oz.
The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-6589.

END

DATE 12/24/2015 FALCON EXECUTIVE AVIATION, INC. W.O. # SVC-6589
REG N3688P 4766 E. FALCON HOBBS 1913
MODEL C90 MESA, ARIZONA 85215 AFTT 15,860.3
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,818

AIRFRAME LOG ENTRY

Inspection Items accomplished:

1. Performed 90 day service of Gill G-6381E battery.
2. Complied with FAR 91.207(d) ELT Test and Inspection on ACK E-04, S/N 9119. Battery replacement due 11/24/2018. HEX ID 2DC86A473EFFBFF.
3. 12 Month Cabin Altitude Warning Switch Test.

4. 12 Month Inspection of Pilots Fuel Control Panel and Lower Edgelight Panel below storm window.

5. 12 Month Inspection of Copilots edgelighted Circuit Breaker Panel and Wiring Circuitry.

6. Yearly Visual Inspection of left and right wing, upper and lower, forward spar caps.

Lubrication Items accomplished:

1. 12 Month wing bolt lubrication.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-6589.

END

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE 3/7/2016 FALCON EXECUTIVE AVIATION, INC. WO# SVC-6709
REG N3688P 4766 E. FALCON DR. HOBBS 1919.5
MODEL C90 MESA, ARIZONA 85215 AFTT 15,866.80
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 14,821

AVIONICS LOG ENTRY

1. I certify that the Pilots static/altimeter systems test required by 14 CFR 91.411 have been performed, this date, and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. Pilot's altimeter was tested to 30,000 Feet.
2. Installed new o-rings in alternate static valve and leak checked satisfactory.
3. I certify that the CoPilots static/altimeter systems test required by 14 CFR 91.411 have been performed, this date and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. Copilot's altimeter was tested to 30,000 Feet.
4. I certify that the Transponder tests required by 14 CFR 91.413 have been performed, this date, and that the Mode S Transponder meets the requirements of 14 CFR Part 43, Appendix F. #1 Transponder Model GTX330, S/N 84121123
5. I certify that the Transponder tests required by 14 CFR 91.413 have been performed, this date, and that the Mode C Transponder meets the requirements of 14 CFR Part 43, Appendix F. #2 Transponder Model GTX327, S/N 83723295
6. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: [REDACTED] R6 X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-6709.

END

YEAR	DATE	3/24/2016	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-6635
20	REG	N3688P	4766 E. FALCON	HOBB	1922.9
	MODEL	C90	MESA, ARIZONA 85215	AFTT	15,870.2
DATE	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,827

AIRFRAME LOG ENTRY

1. Removed right power control cable and installed new cable 50-380152-25. Sealed fuselage with CS204B1/2 sealant. Rigged and performed ground run operational check satisfactory.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-6635.

END

DATE	4/8/2016	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-6826
REG	N3688P	4766 E. FALCON	HOBB	1922.9
MODEL	C90	MESA, ARIZONA 85215	AFTT	15,870.2
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,827

AIRFRAME LOG ENTRY

1. Removed FM1 and FM2, CI177-1 antennas located at FS 345.0. Installed two new FM CI292-3 antennas in same location and attached existing coax cables. Performance check satisfactory.
2. Obtained IFR Certification as a follow on for the GNS530 TAWS previously installed and recorded on Form 337 dated 5/3/2006. Functional flight evaluation was performed satisfactory law AC 20-138D, para 23-4. FAA Approved Flight Manual Supplement dated 3/29/2016 was placed in aircraft. Ref Form 337 dated 4/5/2016 for details.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-6826.

END

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician Performing Work (Last, First, Middle Initial, and Suffix)
20	TACH	FLIGHT	TIME IN	
DATE	TIME		SERVICE	

DATE	4/8/2016	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-6826
REG	N3688P	4766 E. FALCON	HOBB	1922.9
MODEL	C90	MESA, ARIZONA 85215	AFTT	15,870.2
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,827

AIRFRAME LOG ENTRY

Inspection items accomplished:

1. AD 89-25-10 Inspection of Wing Main Spar. Next due ACTT 16870.2.
2. 1000 Hr. / 3 Year Wing Spar & Wing Bolt Inspection law SIRM, 57-13-01, Chart 201, items 1 thru 10. NDT Testing performed by Canyon State Inspection, CRS HI3D554L, WO AC16-284.
3. Yearly Inspection of Left and Right Wings Forward, Upper and lower Spar Cap.
4. Left and Right Lower, Forward Wing Bolt Replacement. Installed 2 bolts 81784-14-32, 2 nuts 81790-1414 and 2 washer packs 61475-14-43.5. Next replacement due TT 30,870.2 or 4/30/2031.
5. 12 Month Wing Bolt Lubrication.
6. Wing bolt torque check due at next scheduled inspection.
7. 2400 Hr. / 30 Month Left and Right Nacelle Fuel Microbe Inspection.
8. 90 day service of Gill G-6381E, S/N G02800075 battery.
9. Complied with 5 Year Replacement of Beech provided Flammable Fluid Hoses located in Left & Right Nacelle.

Discrepancies corrected:

1. Replaced right nacelle fuel cap seal CA38241 and lanyard 9914106-2.
2. Replaced Left and Right oil coolers, inlet and outlet fittings orings M83248/1-119.

The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-6826.

END

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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20	DATE	4/28/2017	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-7724
DATE	REG	N3688P	4766 E. FALCON	HOBBS	2195.8
	MODEL	C90	MESA, ARIZONA 85215	AFTT	16,143.1
	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	14,949

AIRFRAME LOG ENTRY

Inspection items accomplished:

1. Falcon Executive Aviation Inc. Approved Aircraft Inspection Program, Phase 3 and 4 Inspections.
2. Reviewed Airworthiness Directives through BI-Week 2017-08 and revised compliance records.
3. 90 day Aircraft battery service and inspection on Gill G-6381E, SN G02895444.
4. 200 Hr. / 12 month Avionics Inspection using Form 600-1 from AAIP.
5. Cabin and Cockpit portable fire extinguisher weigh: Cockpit 4 lbs. 2 oz., Cabin 4 lbs. 2 oz.
6. Left & Right Pneumatic Flow Control Solenoid Valve Filter 800 Hr. cleaning and inspection.
7. Left Gear Actuator P/N 50-810164-17, S/N 432290 1000 Cycle / 30 Month Inspection, 1000 Cycle Clevis Hole Inspection and 1000 Cycle / 30 Month Lubrication.
8. Right Gear Actuator P/N 50-810164-18, S/N 432302 1000 Cycle / 30 Month Inspection, 1000 Cycle Clevis Hole Inspection and 1000 Cycle / 30 Month Lubrication.
9. Nose Gear Actuator P/N 50-820208-5, S/N 32811 1000 Cycle / 30 Month Inspection, 1000 Cycle Clevis Hole Inspection and 1000 Cycle / 30 Month Lubrication.
10. Yearly Inspection of Left and Right Wings Forward, Upper and lower Spar Cap.
11. 1000 Hr. Inspection of Left and Right Nacelle Splice Plate.
12. 400 Hr. replacement of evaporator filter 90-555101-0001.
13. Five Year replacement of Left and Right exposed brake hoses. MS28742-4-0212 and MS28741-4-0154.
14. Removed Storage Seat and revised Weight and Balance by computation. EW: 6258.0, EWCG: 150.27, MO: 940376.10.
15. FAR 91.207(d) ELT Test and Inspection of ACK E-04, S/N 9119. Battery due replacement Nov 2018. Remote switch battery and alterer battery replacement due 3/2023.
16. AD 17-04-06 United Altimeter is not applicable by altimeter manufacture.

YEAR
20
DATE

Lubrication Items accomplished:

1. 12 Month Wing Bolt Lubrication.
2. 200 Hr. lubrication schedule items.
3. 400 Hr. Lubrication schedule items.
4. 1200 Hr. Flap Motor Gearbox and Flap Actuator Piston lubrication.
5. 1000 Cycle / 30 Month Lubrication of Retract Chain Idler Sprocket Needle Bearings.

Discrepancies corrected:

1. Repaired wiring to post light in center console and replaced bulbs GE 327.
2. Fabricated and installed repair to cracks in left and right side of fuselage belly skin law SIRM 20-10-16, fig 201 and fig 202.
3. Replaced Left wing outboard static discharge wick ESD4C.
4. Removed shimmy dampner. resealed, serviced with H5606 Hydraulic fluid and reinstalled.
5. Removed Right wing fuse block, cleaned corrosion and reinstalled.
6. Replaced Pilots Rosen Sun Visor RBKA-200-NSA-1, S/N SA5139NM.
7. Replaced Copilots Right Brake Master Cylinder with new 90-380001-23, S/N APW4041. Replaced Right Brake shim 068-03300. Bled and serviced brakes with H5606 Hydraulic fluid.
9. Replaced Left and Right Horizontal deice boot edge sealant.
10. Replaced lamp bulb 5108WW for right #2 cabin window and bulb GE1864 for cabin door step.
11. Replaced vacuum regulator filter ARB3-5-1.
12. Replaced nose tire with Michelin 6.50-10 6 ply, P/N 076-367-0, S/N 6186S00170. Cleaned and packed wheel bearings.
13. Replaced nose strut upper cylinder with new P/N 99-820100-5. Assembled with new seals, installed and serviced.
14. Replaced Left and Right wing tip lens with Great Lakes Aero Products P/N W-2346-LH and W-2346-RH.
15. Repaired connector for Pilots lower egdelight panel lighting.
16. I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air Phase 3 & 4 and is approved for return to service.

AUTHORIZED SIGNATURE: _____ CRS: X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7724.

END

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE 11/21/2017 FALCON EXECUTIVE AVIATION, INC. WO# SVC-8085
 REG N3688P 4766 E. FALCON DR. HOBBS 2560.2
 MODEL C90 MESA, ARIZONA 85215 AFTT 16,507.50
 SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J

AVIONICS LOG ENTRY

- I certify that the Pilots static/altimeter systems test required by 14 CFR 91.411 have been performed, this date, and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. Tested to 30,000 Feet.
- I certify that the CoPilots static/altimeter systems test required by 14 CFR 91.411 have been performed, this date and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. Tested to 30,000 Feet.
- I certify that the Transponder tests required by 14 CFR 91.413 have been performed, this date, and that the Mode S Transponder meets the requirements of 14 CFR Part 43, Appendix F. Transponder Model GTX330ES, S/N 84121123
- I certify that the Transponder tests required by 14 CFR 91.413 have been performed, this date, and that the Mode S Transponder meets the requirements of 14 CFR Part 43, Appendix F. Transponder Model GTX345, S/N 3EG008961
- The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-8085.

END

YEAR 20 DATE	DATE	12/15/2017	TOTAL	FALCON EXECUTIVE AVIATION, INC., Tests, Repairs, and Alterations	W.O. #	SVC-8120
	REG	N3688P	TIME IN	4766 E. FALCON	HOBBS	2,560.2
	MODEL	C90	SERVICE	MESA, ARIZONA 85215	AFTT	16,507.5
	SER #	LJ-915		FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	15,094

AIRFRAME LOG ENTRY

Inspection items accomplished:

- Falcon Executive Aviation Inc. Approved Aircraft Inspection Program, Phase 3 and 4 Inspections. (Complete)
- Reviewed Airworthiness Directives through BI-Week 2017-25 and revised compliance records.
- AD 89-25-10 1000 hour Wing Main Spar inspection and Beech SIRM 1000 Hr. / 3 Year Wing Structure Inspection and Yearly Visual Inspection of Left and Right Wings, Upper and Lower, Forward Spar Cap. NDT performed by Canyon State Inspections CRS: HI3D554L, reference their Field Inspection Report CSI Job # AC17-1228 dated 10/04/2017.
- AD 17-16-01 Ameri-King ELT found not applicable by ACK E-04 ELT installed.
- 90 day Aircraft Battery service and inspection on Gill G-6381E SN G02895444.
- 6 month Cabin and Cockpit Portable Fire Extinguisher weigh: Cockpit 4 lbs. 13 oz., Cabin 4 lbs. 13 oz.
- 12 month 14 CFR part 91.207 (d) ELT Inspection on ACK E-04, SN: 9119. Battery due 11/30/2018.
- 12 month Pilot Fuel Control Panel and lower Edgelight Panel inspection.
- 12 month Co-Pilot Edgelight Circuit Breaker Panel and wiring inspection.
- 12 month Cabin Altitude Warning Switch inspection.
- 200 hour / 12 month Avionics Inspection using Form 600-1 from AAIP.
- 400 hour Evaporator Filter replacement with new, PN: 90-555101-0001.
- 800 hour Pressurization Rate Controller Filter replacement. Replaced with new, PN: 146898-1.
- 800 hour Instrument Air Filter replacement. Replaced with new, PN: EBG03-0018.
- 800 hour left and right Aileron Detailed inspection.
- 1000 hour Air Conditioner Motor Brush inspection. Brushes at 70%. Replaced Belt set with new, PN: 10038412-1.
- 1200 hour Pedestal Power Lever Stop Pin inspection.
- 2000 hour / 48 month Edgelighted Panel Assembly inspection.
- 1000 cycle Airframe Exterior Skin inspection.
- Weighted aircraft using General Electrodynamical Corp scales Model LPA-400, SN's LP1631, LP1632, LP1633 with calibration date 2/28/2017. EW: 6226.00 lbs, EWCG: 150.4, MO: 936413.8.



FIELD INSPECTION REPORT

CLIENT: *Falcon Aviation Executive*
PURCHASE ORDER#: *42223*
CSI JOB #: *AC17-1228*

AIRCRAFT TAIL #: *N3688P*
AIRCRAFT SERIAL #: *LJ 915*

ACCEPT	REJECT	REPAIRMAN	PRELIMINARY INSPECTION	REMARKS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>B Clemmons</i>	<i>Eddy Current Inspection</i>	
Date completed: <i>10-4-17</i>				

DESCRIPTION		NON-DESTRUCTIVE TEST		QUANTITY	ACCEPT	REJECT
HFEC / BHEC inspection of Index No.	Figure No.	P/N	S/N			
<i>1 8</i>	<i>201</i>	<i>N/A</i>	<i>N/A</i>	<i>100%</i>	<i>100%</i>	<i>Ø</i>
<i>2</i>	<i>202</i>					
<i>3</i>	<i>203</i>					
<i>4</i>	<i>204</i>					
<i>5</i>	<i>205</i>					
REMARKS: <i>no indications noted at time of inspection</i>						
Date completed: <i>10-4-17</i>						
<i>TT = 16,507.5</i> <i>TC = 15,094</i>						

REFERENCE	TECHNICAL DATA	VERIFICATION
	REVISION STATUS	
<i>Raytheon Aircraft King Air 90 series structural inspection and repair manual 57-13-00 page 253 chart 201</i>	<i>Aug/12</i>	<i>Client Database</i>

CANYON STATE INSPECTION CERTIFIES THAT THE WORK SPECIFIED, EXCEPT AS OTHERWISE SPECIFIED, WAS CARRIED OUT IN ACCORDANCE WITH FAA AIRWORTHINESS REGULATIONS, 14 CFR PART 43 AND 145 AND IN RESPECT TO THAT WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE UNDER FAA REPAIR STATION:

☐ FAA HIR554L ☒ FAA HIR554L

CANYON STATE INSPECTION CERTIFIES THAT THE WORK SPECIFIED, EXCEPT AS OTHERWISE SPECIFIED, WAS CARRIED OUT IN ACCORDANCE WITH EASA PART-145 AND IN RESPECT TO THAT WORK THE AIRCRAFT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA REPAIR STATION:

☐ EASA 145.6501 ☐ EASA 145.6523

PERTINANT DETAILS OF THE MAINTENANCE PERFORMED ARE ON FILE AT THE ABOVE MARKED REPAIR STATION UNDER WORK ORDER: *AC17-1228*

NAME: *Brian Clemmons* SIGNATURE:

Date Completed: *10-4-17*

103 South Southgate Chandler, Arizona 85226-3222 (480) 783-7100 Fax (480) 783-7183
3625 East Ajo Way • Tucson, Arizona 85713 (520) 745-3672 Fax (520) 745-8608

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	1/15/2019			
REG	N3688P			
MODEL	C90			
SER #	LJ-915			
				FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J AIRFRAME LOG ENTRY
				W.O. # SVC-9128 HOBBS 2,865.3 AFTT 16,812.6 LANDINGS 15,228
Inspection items accomplished:				
1. 800 Hr. / 11 Month ICA's for Gill Battery P/N 7638-44, S/N G02972881 satisfactory.				
2. 12 Month Avionics Inspection using Form 600-1 from AAIP with no defects.				
3. 14 CFR 91.207(d) ELT Test and Inspection on ACK E-04, S/N 9119 with no defects. ELT Battery due replacement Nov 2023. Remote control battery and Audio Alerter battery due Mar 2023. Hex ID: 2DC86A473EFFBFF.				
4. 12 Month Inspection of Pilots Fuel Control Panel and Lower Edgelight Panel located below the storm window with no discrepancy found.				
5. 12 Month Inspection of Copilots Edgelighted Circuit Breaker Panel and wiring circuitry located below storm window with no discrepancy found.				
6. 12 Month Test of Cabin Altitude Warning Switch P/N 101-384028-3, S/N 385 satisfactory law M.M. Section 21-30-11-501, method 1.				
7. Yearly Visual Inspection of Left and Right wings, upper and lower, forward spar caps with no discrepancy found.				
8. 12 Month wing bolt lubrication.				
9. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.				
				AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-9128.				
END				

YEAR 20 DATE	DATE	REG	MODEL	SER #	FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J AIRFRAME LOG ENTRY	W.O. #	SVC-9139
	2/22/2019	N3688P	C90	LJ-915		HOBBS	2,865.3
						AFTT	16,812.6
						LANDINGS	15,228
Discrepancies corrected:							
1. Removed right, aft brake caliper, cleaned and resealed. Reinstalled and bled right brake.							
2. Removed Gill battery 7638-44, S/N G02972881. Installed new Gill battery 7638-44, S/N G03030844.							
3. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.							
						AUTHORIZED SIGNATURE: [REDACTED]	CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-9139.							
END							
	3/14/2019	N3688P	C90	LJ-915	FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J AIRFRAME LOG ENTRY	W.O. #	SVC-9270
						HOBBS	2,895.3
						AFTT	16,842.6
1. Replaced right brake caliper interconnect hose with airworthy hose P/N 207-00700 after pressure test of hose to 500 psi. Bled right brake and function checked satisfactory.							
2. Removed Com 1 P/N 011-01065-40, S/N 78403723. Installed repaired Com P/N 011-01065-40, S/N 85250026, configured and function checked satisfactory. Ref 8130-3 from Garmin International CRS G6XR582Y, WO RMA 107305857 dated 31 Dec 2018.							
3. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.							
						AUTHORIZED SIGNATURE: [REDACTED]	CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-9270.							
END							

DATE 7/12/2019 FALCON EXECUTIVE AVIATION, INC. W.O. # SVC-9072
REG N3688P 4766 E. FALCON HOBBS 2,904.1
MODEL C90 MESA, ARIZONA 85215 AFTT 16,851.4
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J

AVIONICS LOG ENTRY

1. Removed #1 FM Transceiver Model: NPX136D-070 SN: 63462, #2 FM Transceiver Model: NPX136D-070 SN: 53250 and #3 FM Transceiver Model: NP136D-070 SN: P200034. Modified Co-Pilot Instrument Panel to accept new FM Radios and installed new FM Transceivers, #1 FM Model: TDFM136B PN: 081252-1-10 SN: FDB5583, #2 FM Model: TDFM136B PN: 081252-1-10 SN: FDB5584, and #3 FM Model: TDFM136B PN: 081252-1-10 SN: FDB5585. FM Transceivers were installed with NAT/TIL Adapter Cables and using existing Antennas and Coax. Installation was accomplished using Technisonic Industries Ltd. Installation Document No. 08RE398 Rev. B dated 2 Jan. 2013. Ref: FAA form 337 dated 7/12/2019 filed for further details.
2. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be Airworthy for return to service. AUTHORIZED SIGNATURE [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-9072.

END

DATE 7/19/2019 FALCON EXECUTIVE AVIATION, INC. W.O. # SVC-9549
REG N3688P 4766 E. FALCON HOBBS 2,909.4
MODEL C90 MESA, ARIZONA 85215 AFTT 16,851.7
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J

AVIONICS LOG ENTRY

1. Reinstalled FM antenna coax to each FM radio and secured.
2. Replaced mic jack in observers table and inspected observers audio panel connections and secured.
3. Aircraft flown and function check of FM radios was satisfactory.
4. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be Airworthy for return to service. AUTHORIZED SIGNATURE [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-9549.

END

YEAR 2020 DATE 2/24/2020 FALCON EXECUTIVE AVIATION, INC. WO# SVC-9793
REG N3688P 4766 E. FALCON DR. HOBBS 2944.2
MODEL C90 MESA, ARIZONA 85215 AFTT 16,891.5
SER # LJ-915 FAA APPROVED REPAIR STATION NO. X0FR185J LANDINGS 15,286

AIRFRAME LOG ENTRY

Inspection Items accomplished:

1. 5 Year Oxygen Cylinder PN: 801293-04 SN: 14782V Hydrostatic test and Regulator PN: 801292-06 SN: 5453 overhaul performed by Compressed Gas Systems LLC CRS: 20XRZ29C. Reference their 8130-3 Form Tracking # A31154, WO# C28757 dated 06-Dec-2019. Next Hydro due 11/2024.
2. 6 month Cabin and Cockpit Portable Fire Extinguisher weigh: Cockpit 4 lbs. 12 oz., Cabin 4 lbs. 12 oz.
3. 10,000 Hour Elevator Structural Inspection iaw SIRM 55-00-13-201. Installed with new hardware. (5,000 Hour recurring)
4. 10,000 Hour Rudder Structural Inspection iaw SIRM 55-00-14-201. Installed with new hardware. (5,000 Hour recurring)
5. 12 month Avionics equipment inspection iaw Falcon Executive Aviation AAIP Form 600-1.
6. 14 CFR 91.207(d) ELT Test and inspection on ACK E-04, S/N 9119 with no defects. ELT Battery due replacement Nov 2023. Remote control battery and Audio Alerter battery due Mar 2023. Hex ID: 2DC86A473EFFBFF.
7. 12 month Pilot Fuel Control Panel and lower Edgelight Panel inspection.
8. 12 month Co-Pilot Edgelight Circuit Breaker Panel and wiring inspection.
9. 12 month Cabin Altitude Warning Switch inspection.
10. 12 month Visual Inspection of Left and Right wings, upper and lower, forward spar caps with no defects found.

Airworthiness Directives / Service Bulletins:

1. Reviewed Airworthiness Directives through Bi-Week 2020-04 and revised compliance records.
2. Replaced faded External Door Operating Instruction placard PN: 101-4080-1 iaw MSB 52-3096 R1.
3. MSB 53-3105 Fuselage missing rivets, installed missing rivets as required.
4. MTL-57-01 lower forward Wing Fitting washer, not applicable by affected equipment not installed.
5. MSB 27-3459 Gust Lock inspection. Next due 2/28/2021 (12 month).
6. MSB 71-3185 Replacement of the Fuel Purge Tank and Associated Plumbing. Installed Kit 109-9012-1.
7. MSB 2213 R3 Pilot and Co-Pilot Seat Track inspection. Installed all new seat tracks PN: 101-420101-1.
8. MSB 61-3737 Propeller mounting Bolts, not applicable by Propeller Model.
9. MSB 57-3148 Right Aileron Sub Spar inspection with no discrepancy.

YEAR
20
DATE

Page 2 of 2

10. MSB Z779 Inspection of the lower forward Wing Spar, found proper rivet spacing, no further action required.
11. MSB 2267 R 1 Removal of Ceramic Fiber Paper and Inspection for Corrosion. Installed heat deflector shields law Drawing 90-5059-1S

Lubrication Items accomplished:

1. 1000 cycle / 36 month Retract Chain Idler Sprocket Needle Bearing lubrication.
2. 5 Year / 1200 Hour Rudder Trim Tab Actuator lubrication.
3. 12 Month Wing Bolt Lubrication.

Maintenance Items Accomplished:

1. Removed Left Nacelle fuel bladder PN: 50-389029-7. Cleaned fuel bay, taped and installed new FFC Left Nacelle fuel bladder PN: 2529-7 with new gaskets. Fueled and leak checked.
2. Replaced Left tire with Michelin 8.50X10 10 ply P/N 025-350-0, S/N 6032500206 and new tube P/N 092-348-0. Inflated to 58 psi nitrogen. Wheel bearings cleaned, inspected, packed with Motil 28 grease and reinstalled.
3. Replaced both elevator bonding straps with new PN: MS25083-16B4.
4. Removed vehicle stabilizer upper fairing with beacon light. Transferred beacon light to new vehicle stabilizer upper fairing PN: 50-364261-5 after painting. Installed and function checked beacon.
5. Replaced Left Elevator outboard hinge bushing with new PN: 50-610010-5 and both Elevator Horn bearings with new PN: MS257645-5.
6. Seats recovered by Exclusive Aircraft Interiors, Las Cruces NM. Burn certs provided.
8. Replaced faded external Placards as required at following locations: wingbolt covers, nacelle locks.
9. Replaced seals PN: 50-910275-981 for oil coolers.
10. Cleaned coffee drain and resealed with PN: MS3248-1-008 springs.
11. Replaced cabin entry door cable with new PN: 132538-A20.
12. Replaced Left Starter Generator cooling duct with new PN: 115167CXX160986.
13. The work identified above was performed in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air and is approved for return to service.

AUTHORIZED SIGNATURE

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-9793.

END

THIS
OF
(35)

YEAR
20
DATE

DATE 2/24/2020
REG N3688P
MODEL C90
SER # LJ-915

FALCON EXECUTIVE AVIATION, INC.
4766 E. FALCON DR.
MESA, ARIZONA 85215

FAA APPROVED REPAIR STATION NO. X0FR185J
AVIONICS LOG ENTRY

W.O. # SVC-9793
TACH 2,944.2
AFTT 10,691.5

15

1. Removed NAT ICS Audio Control Panel Model AMS44T SN: 4094 from center Instrument Panel with associated inter-connect wiring.
2. Removed Bendix Color Radar Indicator PN: 4001564-2801 SN: 1050 from center Instrument Panel with associated inter-connect wiring.
3. Fabricated and installed new center Radio Instrument Panel from 2024T3 .090 aluminum. Installed Dzus Mount Spring Receptacles to top portion of Radio Instrument Panel for Audio Indicators and Audio Control Panel installation and Radio Instrument Panel was secured to Instrument Panel with screws. Moved NAV Selector to Co-Pilot Panel, moved Altitude Alerter to Pilot Instrument Panel, moved Marker Beacon Switch, DME Switch, Traffic Mute and Fast Slave switches to center Radio stack, between Radios. And moved Transponder Select Switch to Co-Pilot Panel. Relocated Co-Pilot Marker lights to right side of Co-Pilot Panel.
4. Installed new Jupiter Avionics Audio Control Panel PN: JAS7-002 SN: 3790 into Pilot side center instrument panel.
5. Installed new Jupiter Avionics Audio Control Panel PN: JAS7-002 SN: 5539 into Co-Pilot center instrument panel.
6. Installed new Air Comm Systems Receive Audio Indicator PN: ACS-291 SN: 3080 into Pilot center instrument panel.
7. Installed new Air Comm Systems Receive Audio Indicator PN: ACS-291 SN: 3077 into Co-Pilot center instrument panel.
8. Installed tested Avidyne EX500 Multi-Function Display PN: 700-0107-064 SN: 21104524 into Co-Pilot center instrument Panel Tested by Duncan Aviation CRS: JGVN134F, ref their 8133-3 WO# 6ASDA dated 11/30/18.
9. Jupiter and Air Comm units are electrically protected by a existing 5 Amp and 1 Amp Klaxon circuit breaker identified / labeled as "FRONT AUDIO". Avidyne EX500 electrically protected by installing new 7.5 Amp Klaxon circuit breaker identified as "EX500".
10. Jupiter Audio Control Panels are interfaced to the Aircraft existing Nav / Comm Transceivers and FM Transceivers. GNS530W is interfaced as Comm 1 and Nav 1, GNV255A is interfaced as Comm 2 and Nav 2, KY-196A is interfaced as Comm 3 and NAT NPX136D-070 FM R/T (3 each) interfaced as FM1, FM2 & FM3. Avidyne EX500 interfaced with Garmin GNS530W and existing Radar Reflector Dish.

Page 1 of 2

YEAR	DATE	5/14/2020	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-10096	ations umber of entries.)
20	REG	N368P	4766 E. FALCON	HOBBS	2,986.2	
	MODEL	C90	MESA, ARIZONA 85215	AFTT	16,933.5	
DATE	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	15,335	

AIRFRAME LOG ENTRY

Inspection Items accomplished:

1. Falcon Executive Aviation Inc. Approved Aircraft Inspection Program, Phase 1 and 2 Inspections.
2. Rasbeck Quite Turbo Fan Propeller and Dual Alt Body Strakes Phase 1 and 2 Inspections.
3. Reviewed applicable Airworthiness Directives through **61-Week 2020-10** and applicable Mandatory Service Bulletins.
4. ICA's for Oil Battery 7638-44 law CMM Q01-1101. Next due ACTT 17,633.5 or Feb 2021.
5. 6 month Cabin and Cockpit Portable Fire Extinguisher weigh: Cockpit 4 lbs. 12.1 oz., Cabin 4 lbs. 12.6 oz.
6. 1000 Hr. SIRM Inspection of Nacelle Splice Plates with no discrepancy.
7. 200 Hr. ICA's for Radio/Control Panel Cabinet installed law Form 337 dated 4/23/2013.
8. 200 Hr. ICA's for Whelen LED Tail Beacon Light law Whelen Installation Guide Form No. 13426D.
9. 200 Hr. ICA's for Rosen Survivors law Installation Document RBKA-300-NSA-1 with no discrepancy.
10. 200 Hr. ICA's for Wheel & Brake Conversion Kit 199-90A law Cleveland Installation Manual.
11. 200 Hr. ICA's for SRS Aviation Ice Shield, installed on right side of nose fuselage. Ref Form 337 dated 12/4/2015.
12. 200 Hr. ICA's for Steinbach & Associates air condition conversion to R-134A law Engineering Order 95060800, Rev H.
13. 200 Hr. ICA's for Frakes Exhaust Stacks. Ref Form 337 dated 4/26/2013.
14. 200 Hr. ICA's for Precise Flight Pulse lights law Document 000PMAN002.

Lubrication Items accomplished:

1. 200 Hr. lubrication.

Maintenance Performed:

1. Secured cabin door upper aft door hook.
2. Adjusted cabin door steps open fully.
3. Replaced vacuum regulator filter with new PN ARB3-5-1.
4. Adjusted Aileron, Rudder and Elevator cable tensions to proper tensions.
5. Installed two missing well nuts on Right oil cooler scoop.
6. I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 90 Series King Air **Phase 1 & 2** and is approved for return to service.

AUTHORIZED SIGNATURE: [REDACTED] CRS: X0FR185J

Pertinent details of work accomplished on this aircraft are on file at the signing office under order # SVC-10096.

END

YEAR	DATE	5/14/2020	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-10193
20	REG	N368P	4766 E. FALCON	HOBBS	2,987.3
	MODEL	C90	MESA, ARIZONA 85215	AFTT	16,934.6
DATE	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	15,337

AIRFRAME LOG ENTRY

1. Removed and replaced right wing fuel pump quick drain with new PN CCA3400. Leak check good.
2. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be Airworthy for return to service. AUTHORIZED SIGNATURE: [REDACTED] CRS: X0FR185J

Pertinent details of work accomplished on this aircraft are on file at the signing office under order # SVC-10193.

END

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Inspection items accomplished:

- Lubrication Items accomplished:
1. 200 Hr. lubrication.

Maintenance Performed:

1. Replaced Right tire with 8.50X10 10 Ply Michelin Air PN: 025-350-0. Cleaned, packed wheel bearings.
2. Replaced Nose tire with 6.50X10 5 Ply Michelin Air PN: 076-367-0. Cleaned, packed wheel bearings.

3. I certify that this Aircraft has been inspected in accordance with the Falcon Executive Aviation Inc. Approved Aircraft Inspection Program Beech 50 Series King Air Phase 3 & 4.

AUTHORIZED SIGNATURE _____ CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10354.

—ENC

YEA	DATE	11/5/2020	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-10454	ns
20	REG	N3688P	4766 E. FALCON DR.	HOBBS	3,264.6	if
DATE	MODEL	C90	MESA, ARIZONA 85215	AGTT	17,211.9	S.)
	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J			

AIRFRAME LOG ENTRY

1. Performed 6 month weigh of cabin fire extinguisher 4.12 lbs. and crew fire extinguisher 4.12 lbs.
 2. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. AUTHORIZED SIGNATURE [REDACTED] RS X0FR185J
- Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10454.

END

DATE	11/6/2020	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-10470
REG	N3688P	4766 E. FALCON DR.	HOBBS	3,264.8
MODEL	C90	MESA, ARIZONA 85215	AGTT	17,212.1
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J		

AVIONICS LOG ENTRY

1. Rewired mic jack from mono to stereo configuration with 3 conductor wire from mic jack to copilot audio panel.
 2. Rewired mic jack from mono to stereo configuration with 3 conductor wire from mic jack to observer audio panel.
 3. Swapped Torque Meters: Current LH side: P/N 91-380012-3, S/N 576 and RH Side: P/N 91-380012-3, S/N 827.
 4. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. AUTHORIZED SIGNATURE [REDACTED] RS X0FR185J
- Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10470.

END

January 26th, 2021; Beech C90; Serial #: LJ-915; 1980MFG Year; N3688P; 3265.6 HOBBS. Remove flight controls for painting. Completely strip, etch, alodine, prep, prime & paint aircraft. Checked balance of control surfaces after painting, in accordance with: King Air 90 Series Maintenance Manual, Rev 05/01/2011. Actual control weight & static moments were as follows: Ailerons: RH: 1.45 in-lbs. Nose Heavy; LH: 2.90 in-lbs. Nose Heavy; Elevators: RH: 18.45 in-lbs. Tail Heavy; LH: 19.92 in-lbs. Tail Heavy; Rudder: 51.84 in-lbs. Tail Heavy. All static moments determined to be within limits, re-install controls.

ctions, Tests, Repairs and Alterations
 with Name, Rating and Certificate Number of
 ity. (See back pages for other specific entries.)

January 26th, 2021; Beech C90; Serial #: LJ-915; 1980MFG Year; N3688P; 3265.6 HOBBS.

PAINT COLORS:
 MATTERHORN WHITE: CMO570535; JET GLO
 BLACK VELVET MET: H10684; ACRY GLO
 PLATINUM MET: H10510; ACRY GLO

Gustav A. Haussier III, Treasurer
 Master Aircraft Service, Inc; 3475 N. Sabin Brown Rd.
 Wickenburg, AZ 853903; 928+684-4926

DATE	3/12/2021	FALCON AVIATION SERVICES, INC.	W.O. #	SVC-10624
REG	N3688P	4766 E. FALCON DR.	HOBBS	3,266.4
MODEL	C90	MESA, ARIZONA 85215	AFTT	17,213.7
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J		

AVIONICS LOG ENTRY

1. Installed owner supplied filter P/N 7HP2-118X-N, S/N BA-11 with adapters P/N C5030 using 90° BNC connector P/N RFB1110-C1 for #1 COM radio antenna on top of fuselage.

DATE	3/24/2021	FALCON AVIATION SERVICES, INC.	W.O. #	SVC-10713
REG	N3688P	4766 E. FALCON DR.	HOBBS	3,266.4
MODEL	C90	MESA, ARIZONA 85215	AFTT	17,213.7
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	15,447

AIRFRAME LOG ENTRY

1. Weighed Aircraft in Forest Service Configuration with useable fuel drained using General Electrodynamics Corp scales Model LPA-400, SN's LP12631, LP12632, LP1633 with cal date 5/8/2020. EW: 6414.00 Lbs., EWCG: 151.88, MO: 974171.40. Useful Load 3686.00 Lbs.
2. The work identified above was performed in accordance with current regulations and was found to be airworthy for return to service. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10713.

END

AIRFRAME LOG ENTRY

1. Adjusted RX threshold using audio programming software. System functional check satisfactory.
2. Corrected mispinned connector at audio controllers at co-pilot and observer positions and functional checked good.
3. Replaced #2 VHF connector with new PN RFB-1110-C1 on coax at Antenna. System operational check good.
4. Replaced Aft Observer mike with new PN SWC-C12BX and head set jack PN S1612-1. System function check good.
5. Rewired right side mike jack and corrected mispinned connector at co-pilot audio controller. Functional check good.
6. Placed 5XXW GPS-WAAS FMS PN 190-00357-03 rev. G in aircraft flight manual.
7. The work identified above was performed in accordance with current regulations and was found to be airworthy for return to service. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10696.

END

DATE	5/12/2021	FALCON AVIATION SERVICES, INC.	W.O. #	SVC-10624
REG	N3688P	4766 E. FALCON	HOBBS	3,266.4
MODEL	C90	MESA, ARIZONA 85215	AFTT	17,213.7
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	15,447

AIRFRAME LOG ENTRY

Inspection Items accomplished:

1. 14 CFR 91.207(d) ELT Test and Inspection on ACK E-04, S/N 9119 with no defects. ELT Battery due replacement 10/18/2023. Remote control battery and Audio Alarmer battery due Mar 2023. Hex ID: 2DC86A473EFFBFF.
2. 12 Month Avionics Equipment Inspection iaw Falcon Executive Aviation AAIP Form 600-1.
3. 12 Month Pilot Fuel Control Panel and Lower Edgelight Panel Inspection.
4. 12 Month Co-Pilot Edgelight Circuit Breaker Panel and Wiring Inspection.
5. 12 month Cabin Altitude Warning Pressure Switch Test.
6. 6 Year / 8000 Cycle Left Gear Actuator Overhaul. Removed Actuator PN: 50-810164-17 SN: 432290 and installed overhauled Actuator PN: 50-810164-17 SN: 121416. Ref Aerospace Turbine Rotables Inc. CRS: NV2R045L, 8130-3 Tracking # 447662 dated 19/May/2020.
7. 6 Year / 8000 Cycle Right Gear Actuator Overhaul. Removed Actuator PN: 50-810164-18 SN: 432302 and installed overhauled Actuator PN: 50-810164-18 SN: ALG-8641. Ref Professional Aircraft Accessories, Inc. CRS: P81R813N, 8130-3 Form Tracking # 357672 dated 30/Nov/2020.
8. 6 Year / 8000 Cycle Nose Gear Actuator Overhaul. Removed Actuator PN: 50-820208-5 SN: NSN32811 and installed overhauled Actuator PN: 50-820208-5 SN: 188-0488. Ref Professional Aircraft Accessories, Inc. CRS: P81R813N, 8130-3 Form Tracking # 357666 dated 07/Dec/2020.
9. 3 Year / 3000 Cycle Flap Assembly Inspection. Reinstalled with new PN: BC-56985, EC-56984, 50-105000-3.
10. 2400 Hr. / 30 month Right Nacelle Fuel Cell and Fuel Probe inspection.
11. 1000 Hr. / 3 Year Inspection of Wing Structure and Wing Attach Bolts and Nuts iaw SIRM. NDT performed by CrossPoint Testing and Inspection Services, LLC. CRS: 5P7R462D.
12. Annually visual Inspection of Left and Right Outboard Wing Upper and Lower Main Spar Caps.
13. 800 Hr. Replacement of Pressurization Controller Filter PN 146898-1 and Instrument Air Filter PN EBG03-0018.
14. 800 Hr. Detailed Left and Right Aileron Inspection.
15. 2000 Hr. / 4 Year Edgelighted Panel Assemblies Inspection.

Lubrication Items accomplished:

- 1,000 Cycle / 30 Month Main and Nose Gear Actuator Support Bearings Lubrication.
- 1,000 Cycle / 30 Month Main and Nose Gear Actuator Lubrication.
- 12 Month Wing Bolt Lubrication.
- 1200 Hr. Lubrication of flap motor gearbox and Actuator Pistons.
- 200, 400, 800 Hour lubrication items.

Airworthiness Directives / Service Bulletins:

1. MSB 27-3459 Gust Lock inspection. Next due May 2022 (12 month).
2. AD 20-25-01, Eff Date 1/11/2021, Forward Lower Wing Fitting Fatigue not applicable. Affected kits not installed.

Maintenance Performed:

1. Right Torque Pressure Indicator PN 91-380012-3 SN 827 overhauled by Aero-Mach Labs, Inc. CRS: NU2R044L. Ref their 8130-3 Tracking # 0501453 dated 24/Feb/2021. Calibrated law M.O.R.E. STC 405.
2. Replaced Right Torque Pressure Transmitter with overhauled PN 99-389014-3, SN 207. Ref Aero-Mach Labs, Inc. CRS: NU2R044L, 8130-3 Tracking # 0496868 dated 06/Aug/2020 for details.
3. Installed new PN: ESD4C Static wicks on RH Elevator, RH Aileron and RH wing tip.
4. Replaced Left and Right horizontal seals with new PN: 111749-08800.
5. Installed serviceable battery PN: 7638-44 SN: G03060518. Initial Cap check due Aug 2021 or ACTT 18,850.9.
6. Removed shimmy dampener, resealed and serviced and reinstalled.
7. Installed new service placard PN: 50-810382 on both main gear struts.
8. Installed new FAA/PMA Tail Cone Lens PN W-2322.
9. The work identified above was performed in accordance with current [REDACTED] and was found to be airworthy for return to service. AUTHORIZED SIGNATURE [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10624.

END

DATE	5/24/2021	FALCON AVIATION SERVICES, INC.	W.O. #	SVC-10713
YEAR	REG	N3688P	4766 E. FALCON DR.	HOBBS 3,266.4 ns
20	MODEL	C90	MESA, ARIZONA 85215	AFTT 17,213.7 if
DATE	SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS 15,447 s.)

AIRFRAME LOG ENTRY

1. Repaired Left Wing lower spar cap hole at BL 29.27 in accordance with FAA Form 8110-3, James W Callahan DERT-230219-CE, dated 14-May-2021 using Callahan Aircraft Services LLC. Drawing No. CAS-TBT26. FAA Form 337 dated 5/24/2021 submitted. This completes AD 89-25-10 Eddy Current Hole Inspection. Ref CrossPoint Testing Field Inspection Report Job # 2102064 dated 5/24/2021.
2. Replaced left tach generator cannon plug with new PN MS3106S12-3S and installed customer supplied tach generator PN 50-389057-11 SN 128153 and function checked satisfactory.
3. The work identified above was performed in accordance with current [REDACTED] and was found to be airworthy for return to service. AUTHORIZED SIGNATURE: [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10713.

END

DATE	5/24/2021	FALCON AVIATION SERVICES, INC.	W.O. #	SVC-10713
REG	N3688P	4766 E. FALCON DR.	HOBBS	3,266.4
MODEL	C90	MESA, ARIZONA 85215	AFTT	17,213.7
SER #	LJ-915	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	15,447

AIRFRAME LOG ENTRY




1. Complied with 5 Year hose replacement on Left Engine. Installed new hoses PN 624066-12D0445, 624000-4-0317, 62400-4-0104, 624023-10D0193, 624037-12D0120, 624000-10D0140, 624023-10D0147, 624000-4-0120, 950012-6-0142, 350-4-0204, 350-3-0147, 350-4-0160. Serviced with 7 Qts 2380 oil. Engine ground run and leak checked.
2. Complied with 5 Year hose replacement on Right Engine. Installed new hoses PN 624066-12D0445, 624000-4-0317, 624023-10D0193, 624037-12D0120, 624023-10D0147, 950012-6-0142, 350-4-0204, 350-3-0147, 350-4-0160, 624000-4-0200, 624000-4-0104, 624000-10D0141. Serviced with 8 Qts 2380 oil. Engine ground run and leak checked.
3. The work identified above was performed in accordance with current [REDACTED] and was found to be airworthy for return to service. AUTHORIZED SIGNATURE [REDACTED] CRS X0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-10713.

END

CROSSPOINT TESTING AND INSPECTION SERVICES, LLC
SHOP AND FIELD INSPECTION CHECK LIST




OFFICE PROCEDURE

1. ASSIGN ALL PURCHASE ORDERS A CTIS JOB NUMBER
CTIS J/N: 2102064
2. ATTACH SHOP OR FIELD INSPECTION REPORT, P.O. AND ALL OTHER
PERTINENT DATA AND CREATE WORK PACKAGE
3. TURN OVER PARTS AND WORK PACKAGE TO INSPECTION DEPARTMENT AS
APPLICABLE

INITIAL	DATE
	2.18.21
	2.18.21
	2.18.21




INSPECTION PROCEDURE

1. IF APPLICABLE, MATCH/COUNT PARTS AGAINST P.O. FOR PROPER
QUANTITY AND SERIAL NUMBERS
2. REVIEW WORK PACKAGE / TECHNICAL DATA AND BEGIN INSPECTIONS
3. TURN OVER ALL REPORTS / DATA TO FRONT OFFICE FOR PROCESSING OF
8130'S AND INVOICING

	2.18.21
	2.18.21
	2.18.21

FINAL INSPECTION / SHIPPING PROCEDURE

1. THOROUGHLY REVIEW ALL INSPECTION REPORTS, 8130'S IF APPLICABLE
AND ALL ACCOMPANING PAPERWORK FOR ACCURACY AND COMPLETION
2. FINAL INSPECTION OF ARTICLE PERFORMED
3. NOTIFY CLIENT OF COMPLETION

	3.4.21
	3.4.21
	3.4.21



FIELD INSPECTION REPORT

CLIENT: FALCON AVIATION SERVICE
 PO/INVOICE #: 255
 CTIS JOB #: 2102064

AIRCRAFT TAIL #: N3688P
 Aircraft Hobbs/Cycles: 3266.4
 AIRCRAFT SERIAL #: LJ-915

PRELIMINARY INSPECTION

ACCEPT	REJECT	REPAIRMAN	REMARKS
✓		<u>RICHARD FERRINE</u>	

DATE COMPLETED: 2-18-21

NON-DESTRUCTIVE TEST PERFORMED

DESCRIPTION of WORK	P/N	S/N	QUANTITY	ACCEPT	REJECT
<u>FLUORESCENT LIQUID Penetrant of the; WING ATTACH Bolts AND NUTS L/H AND R/H SIDES</u>	<u>N/A</u>	<u>N/A</u>	<u>08</u>	<u>08</u>	<u>0</u>
REMARKS: <u>No INDICATIONS NOTED</u>					

DATE COMPLETED: 2-18-21

TECHNICAL DATA

REFERENCE	REVISION STATUS	VERIFICATION
<u>I.A.W. KING AIR STRUCTURAL INSPECTION AND Repair MANUAL 57-13-01 (FIG No. 211 AND 215)</u>	<u>02</u>	<u>Supplied by client from data base web site</u>

COMPONENT(S) IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE IN RESPECT TO THE WORK THAT WAS PERFORMED ABOVE.

REPAIR STATION No. 5P7R462D

INSPECTOR NAME: <u>RICHARD FERRINE</u>	
-------------------------------------------	--

DATE COMPLETED: 2-18-21

EQUIPMENT MODEL: Please see
 EQUIPMENT SERIAL NO. ATTACHING BLACK
 EQUIPMENT CALIBRATION DUE DATE: LIGHT TRAVELER

7931 East Pecos Rd. suite 203
 Mesa, AZ., 85212
 Office (480) 988-6602

CTIS FORM #:008
 REVISION #:Original
 REVISION DATE:23/AUG/2018



REPAIR STATION No. 5P7R462D

FIELD PROCESS CONTROL TRAVELER FOR LIQUID PENETRANT / BLACK LIGHT

CLIENT: FALCON AVIATION SERVICE CTIS JOB No. 2102064
P.O / Work Order No. 255 DATE: 2-18-21
Repairman: RICHARD PERRINE
Equipment Model and Serial Number Hermes MH8004927

PROCESS CONTROL	CLASSIFICATION	EXPERATION DATE
Fluorescent Liquid Penetrant/AEROSOL	Type I, Methods A and C, Level 3 and 4	<u>JAN 2025</u>
Developer / AEROSOL	Form D Developer	<u>JUL 2023</u>
Solvent- Cleaner / AEROSOL	Class 2 Solvent Cleaner	<u>JAN 2025</u>

PROCESS CONTROL	MIN/MAX VALUE	VALUE / READING
Black Light Intensity	1000 μ W/cm ² @15" Minimum	<u>2100</u>
Visible Light Intensity	100 fc @ 15" Minimum	<u>280</u>
Ambient Light Intensity	2 fc max	<u>.001</u>



FIELD INSPECTION REPORT

CLIENT: FALCON AVIATION SERVICE
PO/INVOICE #: 255
CTIS JOB #: 2102064

AIRCRAFT TAIL #: N3688P
Aircraft Hobbs/Cycles: 3266.4
AIRCRAFT SERIAL #: LJ-915

PRELIMINARY INSPECTION

ACCEPT	REJECT	REPAIRMAN	REMARKS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>RICHARD PERRINE</u>	

DATE COMPLETED: 2-18-21

NON-DESTRUCTIVE TEST PERFORMED

DESCRIPTION of WORK	P/N	S/N	QUANTITY	ACCEPT	REJECT
<u>EDDY CURRENT INSPECTION of the: WING ATTACH FITTING FLAT SURFACES, DEPRESSIONS, COUNTER BORES AND BOLT BORES, LWR FWD WING FITTING-TO-SPAR ATTACHMENT, SPAR CAP IN WHEELWELL AND SPAR CAP IN NACELLE I/B of WHEEL WELL L/H AND R/H SIDES</u>	<u>N/A</u>	<u>N/A</u>	<u>100%</u>	<u>100%</u>	<u>0</u>
REMARKS: <u>No INDICATIONS NOTED</u>					

DATE COMPLETED: 2-18-21

TECHNICAL DATA

REFERENCE	REVISION STATUS	VERIFICATION
<u>I.A.W. KING AIR STRUCTURAL INSPECTION AND REPAIR MANUAL 57-13-01 (FIG No. 201, 202, 203, 204)</u>	<u>D2</u>	<u>Supplied by client from data base web site</u>

COMPONENT(S) IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE IN RESPECT TO THE WORK THAT WAS PERFORMED ABOVE.

INSPECTOR NAME:	REPAIR STATION No. <u>5P7R462D</u>
<u>RICHARD PERRINE</u>	

DATE COMPLETED: 2-18-21

EQUIPMENT MODEL: NORTEC 600
EQUIPMENT SERIAL NO. 6000184037
EQUIPMENT CALIBRATION DUE DATE: 01/04/2022

7931 East Pecos Rd. suite 203
Mesa, AZ., 85212
Office (480) 988-6602

CTIS FORM #:008
REVISION #:Original
REVISION DATE:23/AUG/2018



FIELD INSPECTION REPORT

CLIENT: FALCON AVIATION SERVICE
 PO/INVOICE #: 255
 CTIS JOB #: 2102064

AIRCRAFT TAIL #: N3688P
 Aircraft Hobbs/Cycles: 3266.4
 AIRCRAFT SERIAL #: LT-915

PRELIMINARY INSPECTION

ACCEPT	REJECT	REPAIRMAN	REMARKS
✓		<u>RICHARD PERRINE</u>	

DATE COMPLETED: 2-18-21

NON-DESTRUCTIVE TEST PERFORMED

DESCRIPTION of WORK	P/N	S/N	QUANTITY	ACCEPT	REJECT
<u>Eddy current inspection of the; Lower Surface of Lower Forward SPAR from NACELLA to Fuselage and OUTBOARD WING Lower MAIN SPAR CAP from wing ATTACH FITTING TO TIE DOWN ON L/H AND R/H SPS</u>	<u>N/A</u>	<u>N/A</u>	<u>100%</u>	<u>100%</u>	<u>0</u>
REMARKS:					

DATE COMPLETED: 2-18-21

TECHNICAL DATA

REFERENCE	REVISION STATUS	VERIFICATION
<u>I.A.W. KING AIR STRUCTURAL INSPECTION AND Repair MANUAL 57-13-01 (FIG No. 205 + 207)</u>	<u>D2</u>	<u>Supplied by client from data base web site</u>

COMPONENT(S) IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE IN RESPECT TO THE WORK THAT WAS PERFORMED ABOVE.

REPAIR STATION No. 5P7B462D

INSPECTOR NAME: <u>RICHARD PERRINE</u>	
----------------------------------------	--

DATE COMPLETED: 2-18-21

EQUIPMENT MODEL: NORTEC 600
 EQUIPMENT SERIAL NO. 60001184037
 EQUIPMENT CALIBRATION DUE DATE: 01/04/2022

7931 East Pecos Rd. suite 203
 Mesa, AZ., 85212
 Office (480) 988-6602

CTIS FORM #:008
 REVISION #:Original
 REVISION DATE:23/AUG/2018



FIELD INSPECTION REPORT

CLIENT: FALCON AVIATION SERVICE
PO/INVOICE #: 255
CTIS JOB #: 2102864

AIRCRAFT TAIL #: N3688P
Aircraft Hobbs/Cycles: 3266.4
AIRCRAFT SERIAL #: LT-915

PRELIMINARY INSPECTION

ACCEPT	REJECT	REPAIRMAN	REMARKS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>RICHARD PERRINE</u>	

DATE COMPLETED: 3.4.21

NON-DESTRUCTIVE TEST PERFORMED

DESCRIPTION of WORK	P/N	S/N	QUANTITY	ACCEPT	REJECT
<u>Eddy CURRENT INSPECTION of the 4 FASTENER HOLES in Lower FORWARD SPAR CAP @ WING ROOT on L/H AND R/H SIDES</u>	<u>N/A</u>	<u>N/A</u>	<u>08</u>	<u>08</u>	<u>0</u>
REMARKS: <u>L/H SIDE Hole @ BL29.27 HAD CRACK LIKE INDICATION; Hole was OVERSIZED/REAMED; AFTER Hole OVERSIZED INDICATION IS NO LONGER PRESENT (AWAITING ENGINEER APPROVAL TO OVERSIZE)</u>					

DATE COMPLETED: 3.4.21

TECHNICAL DATA

REFERENCE	REVISION STATUS	VERIFICATION
<u>PER CUSTOMER REQUEST</u>		

COMPONENT(S) IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE IN RESPECT TO THE WORK THAT WAS PERFORMED ABOVE.	
REPAIR STATION No. <u>5P7R462D</u>	
INSPECTOR NAME:	INSPECTOR SIGNATURE:

DATE COMPLETED:

EQUIPMENT MODEL: NORTEC 600
EQUIPMENT SERIAL NO. 60001184037
EQUIPMENT CALIBRATION DUE DATE: 01/04/2022

7931 East Pecos Rd. suite 203
Mesa, AZ., 85212
Office (480) 988-6602

CTIS FORM #:008
REVISION #:Original
REVISION DATE:23/AUG/2018



FIELD INSPECTION REPORT

CLIENT: FALCON AVIATION SERVICES
PO/INVOICE #: 255
CTIS JOB #: 2102064

AIRCRAFT TAIL #: N3688P
Aircraft Hobbs/Cycles: 3266.4
AIRCRAFT SERIAL #: LJ-915

PRELIMINARY INSPECTION

ACCEPT	REJECT	REPAIRMAN	REMARKS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>RICHARD PERRINS</u>	<u>1/4 SIDE Hole @ BL 29.27 IS OVERSIZED</u>

DATE COMPLETED: 5.24.21

NON-DESTRUCTIVE TEST PERFORMED

DESCRIPTION of WORK	P/N	S/N	QUANTITY	ACCEPT	REJECT
<u>EDDY CURRENT INSPECTION of 16. 1/4 FASTENER HOLES IN LOWER FORWARD SPAR CAP & WING ROOT ON 1/4 AND R/H SIDES</u>	<u>N/A</u>	<u>N/A</u>	<u>08</u>	<u>08</u>	<u>0</u>
REMARKS: <u>NO INDICATIONS NOTED</u>					


DATE COMPLETED: 5.24.21

TECHNICAL DATA

REFERENCE	REVISION STATUS	VERIFICATION
<u>I.A.W. Beechcraft STRUCTURAL INSPECTION and Repair Manual 57-13-01 AND Callahan Aircraft Services DRAWING No. CAS-TBT24 (oversized Hole)</u>	<u>REV D2</u> <u>14/MAY/2021</u>	<u>Supplied by client from data base web site</u>

COMPONENT(S) IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE IN RESPECT TO THE WORK THAT WAS PERFORMED ABOVE.

REPAIR STATION No. 5P7R462D

INSPECTOR NAME: <u>RICHARD PERRINS</u>	
----------------------------------------	--------------------------------------------------------------------------------------

DATE COMPLETED: 5.24.21

EQUIPMENT MODEL: NORTON 600
EQUIPMENT SERIAL NO. 00001184037
EQUIPMENT CALIBRATION DUE DATE: 01/04/2022

7931 East Pecos Rd. suite 203
Mesa, AZ., 85212
Office (480) 988-6602

CTIS FORM #:008
REVISION #:Original
REVISION DATE:23/AUG/2018

Structural Damage Report and Service Request

DQ ID: 29622

Submitted: 4/12/2021 4:47:48 PM CT

Serial Number: LJ-915

Registration: N3688P

Damage/Condition Title: Inboard hole left wing forward spar cap Indication during NDT inspection.

Service Requested: Repair Document with 8100-9

Account: 0

Name:

Account Phone:

PO Number:

Point of Contact

Name: Richard Petty

Phone:

Email:

Region: North, Central, or South America

Corrosion Damage: No

Corrosion Damage Level:

FAA AD's:

Installed Structural STC's:

General Comments:

Distribution Emails

Email	Description (Name, Title or Aircraft Affiliation)	Copied on Quote Email
	Repair Station President	Yes

Aircraft Details

Manufacturer	Category	Aircraft Model	Model Year	Registration	ATA Category of Damage/Condition
Beechcraft	Prop	90, A90, B90, C90, C90A, C90GT, C90GTi (LJ-Serials)		N3688P	

Total Time	Total Landings	Aircraft Owner/Operator	Aircraft Location	Repair Facility / Company	Maintenance Status	Aircraft Due Out Date
17213.70	15,447		Mesa Arizona	Falcon Aviation Services Inc.		

Serialized Part Numbers Affected (Component Repairs)

Part Number	Serial Number	Landings	Cycles	Hours
No Data Available				

Damage Reported

Item	Major Assembly	Damage Location	Damage Detection	Damage Description
1	Left wing Main spar lower cap NDT indication	BL 29.27	Item #6 Lower forward spar cap at wing root. SRM 57-13-01-02 page 5 Item #6.	An Indication was found while performing NDT on the Lower forward spar cap at the wing root. The hole has been up sized to .312, and the NDT indication is now gone.

Part Numbers Affected: No Data Available

File Attached (File Name): No File Attached

Thank you for submitting your SDR. Keep this copy for your records and we will be in contact with you soon!

From: Nelson, Isaac [REDACTED]
Sent: Wednesday, April 14, 2021 3:20 PM
To: Richard Petty [REDACTED]
Subject: RE: Daily Update for LJ-915 (N3688P) LH Wing Fwd Spar Cap IB Hole Indication During NDT Inspection

Engineering informed me that they have previously communicated the following regarding this aircraft issue:

The fastener hole is one of the leading fatigue indicator holes as defined in the SIRM, 57-13-01, Fig 205.

Engineering (fatigue/stress along with durability and damage tolerance specialists) has determined the following:

Because of the current condition of the hole, the hole is no longer a viable wing fatigue indicator hole. Therefore, the center section forward lower spar cap, center section forward lower fittings and both outboard main spar assemblies must be replaced (Kit No. 100-4002-3 (LH) or 100-4002-4 (RH) contains the parts and instructions for replacing the outboard main spar. Kit No. 100-4002-1 contains all the parts and instructions for replacing an outboard wing spar but does not include the spar – King Air SIRM, 57-13-01, Page 201).

WARNING:

A crack in the center section lower forward spar cap necessitates the replacement of all lower forward inboard fittings, the lower forward spar cap on the center section, and both outboard forward wing panel main spar assemblies.

Thank you,

Isaac Nelson

Customer Service Engineer – Structures

[REDACTED] Structures@txtav.com

[REDACTED] M + [REDACTED] | Team Structures +1.316.517.6061

Textron Aviation | 2121 South Hoover Road | Wichita, Kansas 67209 USA | txtav.com

[SDR Form](#) (📱 mobile friendly) | [Damage Reporting Guide](#) | [Standard Repairs](#)

From: Nelson, Isaac

Sent: Wednesday, April 14, 2021 7:03 AM

To: Richard Petty [REDACTED]

Subject: RE: Daily Update for LJ-915 (N3688P) LH Wing Fwd Spar Cap IB Hole Indication During NDT Inspection

Yes, thank you, I submitted them to engineering for evaluation.

Thank you,

Isaac Nelson

Customer Service Engineer – Structures

[REDACTED] | Structures@txtav.com

[REDACTED] M [REDACTED] | Team Structures +1.316.517.6061

Textron Aviation | 2121 South Hoover Road | Wichita, Kansas 67209 USA | txtav.com
[SDR Form](#) (📱 mobile friendly) | [Damage Reporting Guide](#) | [Standard Repairs](#)

From: Richard Petty [REDACTED]
Sent: Tuesday, April 13, 2021 7:30 PM
To: Nelson, Isaac [REDACTED]
Subject: Re: Daily Update for LJ-915 (N3688P) LH Wing Fwd Spar Cap IB Hole Indication During NDT Inspection

Isaac,

I sent pictures today, did you receive them?

Thank you

Richard Petty
Falcon Aviation Services Inc.
4766 E. Falcon Drive
Mesa, AZ 85215
[REDACTED]

On Tue, Apr 13, 2021 at 1:19 PM [REDACTED] wrote:




Textron Aviation - Daily Update

Aircraft S/N - LJ-915

Description - LH Wing Fwd Spar Cap IB Hole Indication During NDT Inspection

4/13/2021 3:19:37 PM CT - Issue submitted to engineering for evaluation.

4/13/2021 7:13:47 AM CT - Awaiting pictures of damage location to verify location.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				TBT26- 1. DATE 14MAY2021
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
2. MAKE TEXTRON	3. MODEL NO. C90	4. TYPE (Aircraft, Engine, Propeller, etc.) AIRCRAFT	5. NAME OF APPLICANT Falcon Aviation Services Inc **	
LIST OF DATA				
6. IDENTIFICATION CAS-TBT26 Rev -, Dated 14 MAY 2021 CAS-TBT26TPS Rev -, Dated 14 MAY 2021	7. TITLE Drawing: KING AIR C90 WS 32.19 LOWER SPAR CAP REPAIR CALLAHAN AIRCRAFT SERVICES, LLC, Camp Hill, AL Report, The Project Substantiation CALLAHAN AIRCRAFT SERVICES, LLC, Camp Hill, AL <div style="text-align: right;">** Falcon Aviation Services Inc Mesa, Arizona</div> Notes: 1) All engineering aspects of the above listed data are approved herein. This approval is only for the engineering data. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as Applicable Requirements. 2) This form constitutes FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire repair. 3) Inspection Requirements: The existing continued airworthiness inspection program is adequate without additional inspections. 4) Compatibility of this data with the aircraft configuration must be determined by the installer. <div style="text-align: center;">END</div>			
8. PURPOSE OF DATA In support of of major repair of WING SPAR on KING AIR C90 aircraft S/N LJ-915.				
9. APPLICABLE REQUIREMENTS (List specific sections) CAR 3, Effective May 15, 1956, CAR Para 3.171; CAR Para 3.172; CAR Para 3.173; CAR Para 3.174; CAR Para 3.217; CAR Para 3.292; CAR Para 3.293; CAR Para 3.294; CAR Para 3.295; CAR Para 3.296; CAR Para 3.301; CAR Para 3.307.				
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u> N/A </u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
I (We) Therefore <input type="checkbox"/> Recommend approval of these data <input checked="" type="checkbox"/> Approve these data				
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		12. DESIGNATION NUMBER(S)	13. CLASSIFICATION(S)	
 JAMES W CALLAHAN		DERT-230219-CE	Structures	



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9 1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N3688P	Serial No. LJ-915	
	Make BEECH	Model C90	Series
2. Owner	Name (As shown on registration certificate) FNB INVESTMENTS LLC	Address (As shown on registration certificate) Address 4766 E FALCON DRIVE	
		City MESA	State AZ
	Zip 85215-2542	Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AIRFRAME		(As described in Item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Falcon Aviation Services Inc.		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 4766 E. Falcon Drive		<input type="checkbox"/> Foreign Certificated Mechanic	<input type="checkbox"/> C. Certificate No.
City Mesa	State Arizona	<input checked="" type="checkbox"/> Certificated Repair Station	
Zip 85215-2542	Country USA	<input type="checkbox"/> Certificated Maintenance Organization	X0FR185J

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Chris Glassmeyer [Redacted] 5/24/2021
------------------------------------------------------------------------------	----------------------------------------------------------------------------------

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	Inspection Authorization	
Certificate or Designation No. X0FR185J		Signature/Date of Authorized Individual Chris Glassmeyer [Redacted] 5/24/2021		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

N3688P

5/24/2021

Nationality and Registration Mark

Date

BEECH C90 N3688P S/N LJ-915 AFTT 17213.7

Repaired Left wing lower spar cap hole at BL 29.27 in accordance with FAA Form 8110-3, James W Callahan DERT-230219-CE, Dated 14-May-2021.

This repair was performed in accordance with Callahan Aircraft Services LLC. Drawing No. CAS-TBT26

Weight and Balance change negligible.

Inspection Requirements: The existing continued airworthiness inspection program is adequate without additional inspections. Ref FAA Form 8110-3, James W Callahan DERT-230219-CE, Dated 14-May-2021.

----- END -----

[] Additional Sheets Are Attached